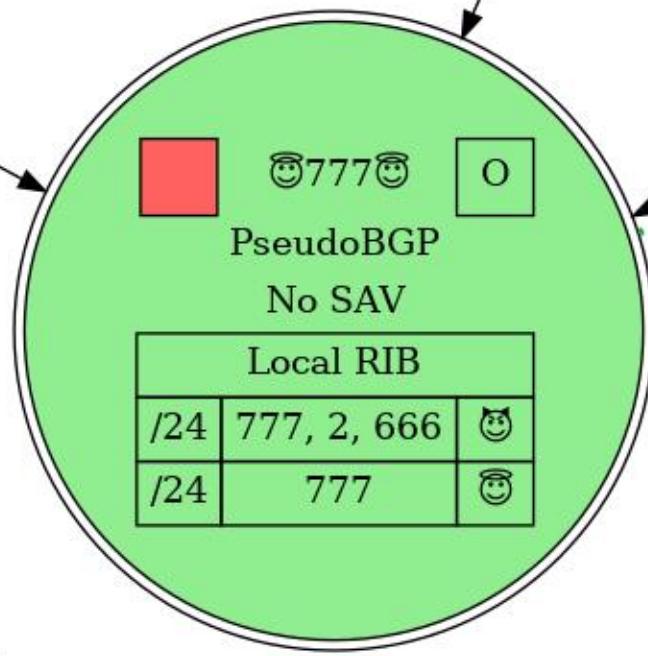
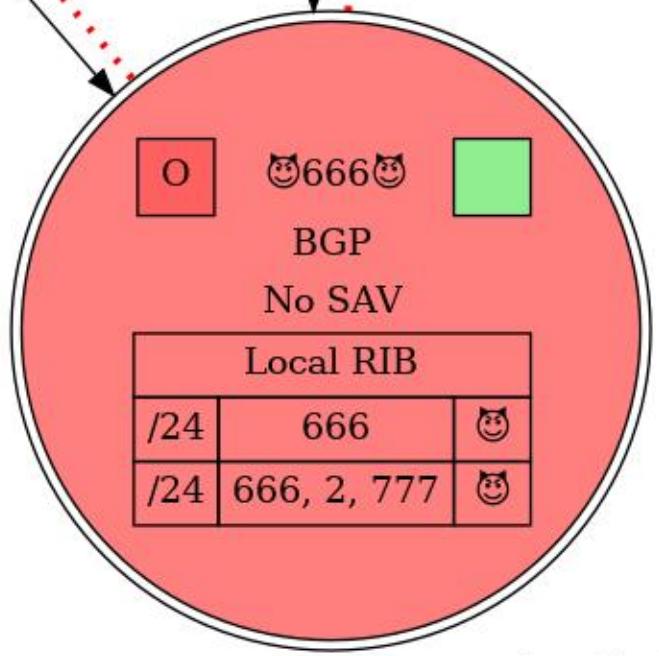
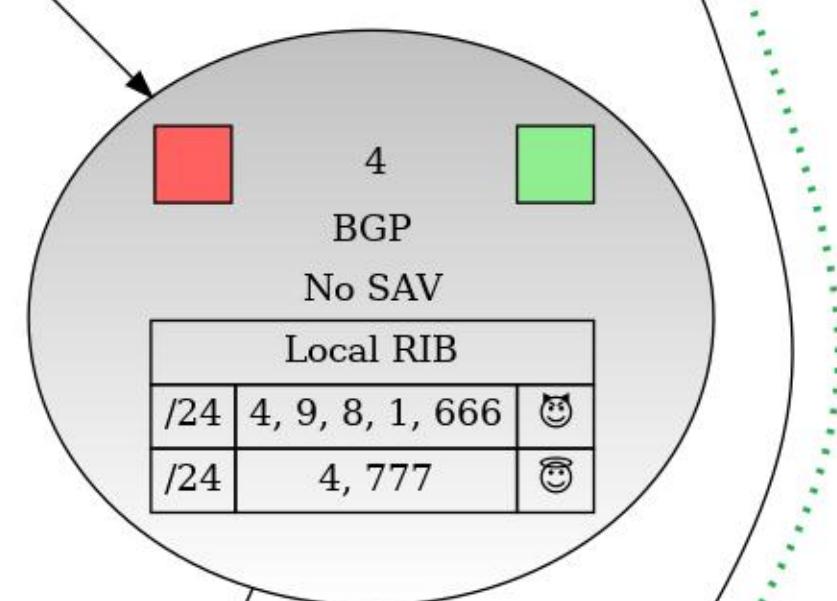
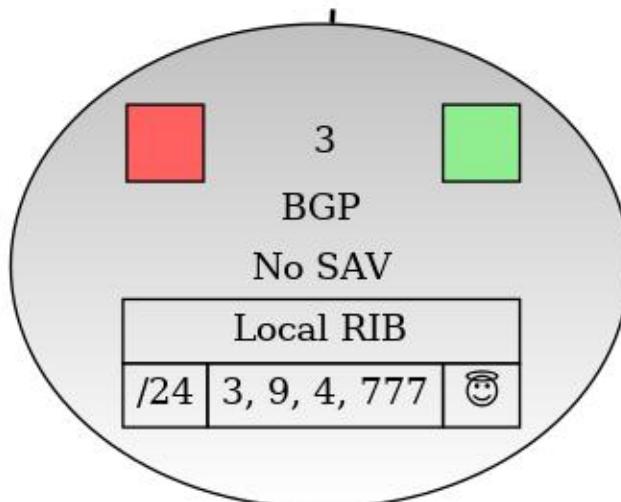
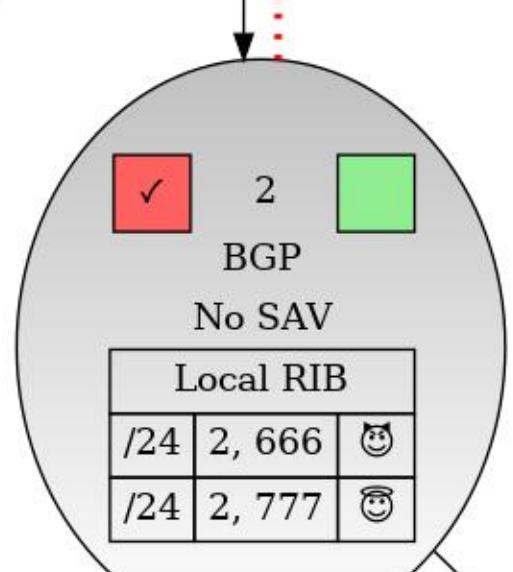
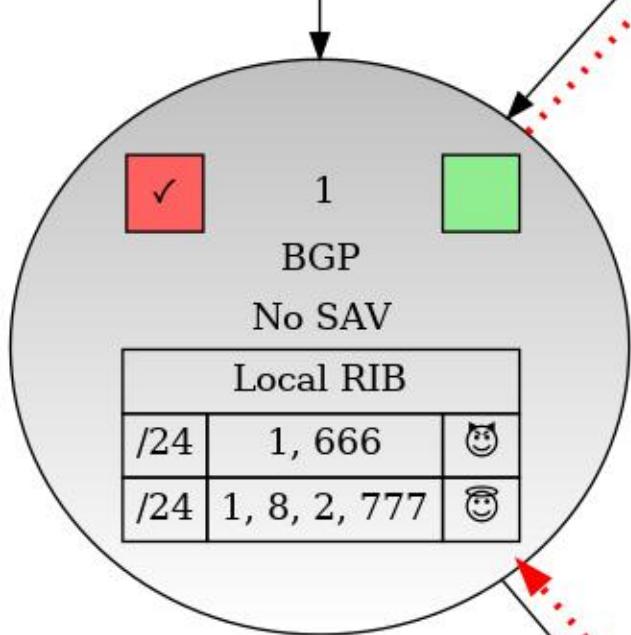
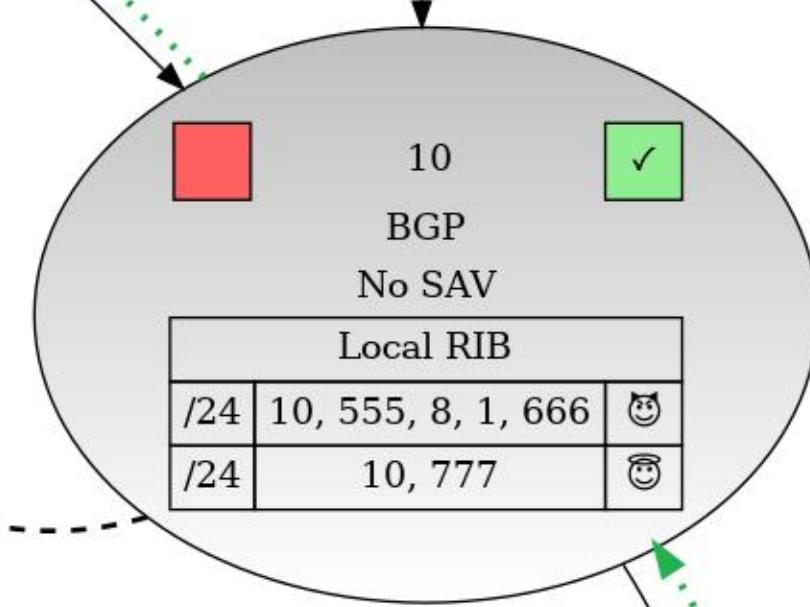
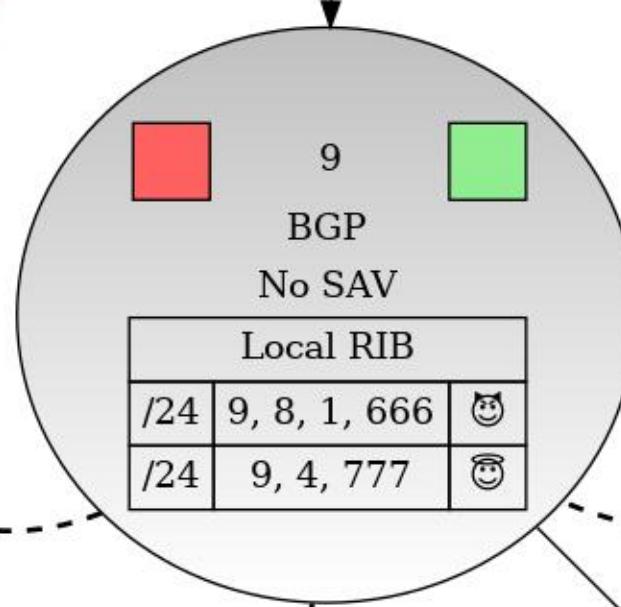
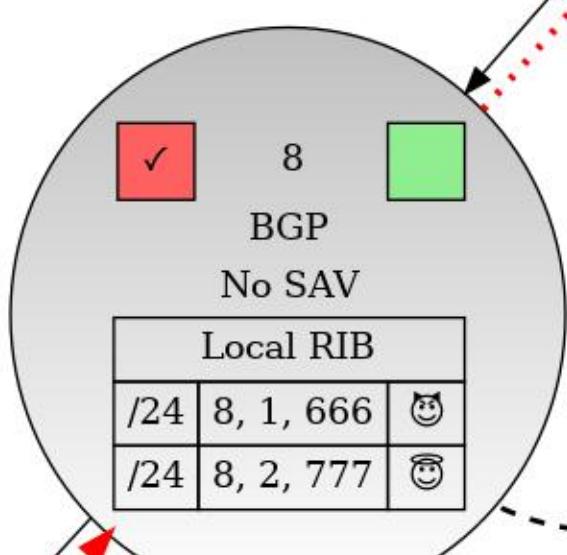
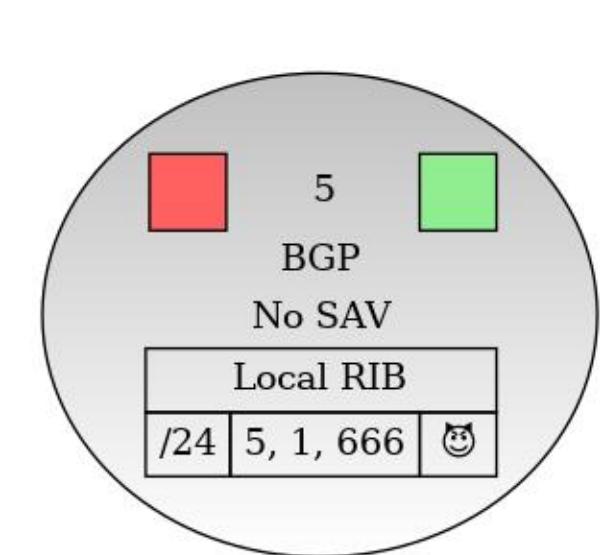
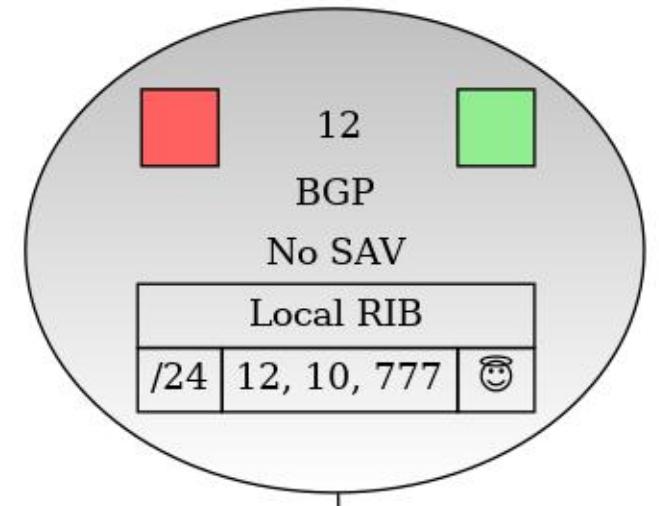
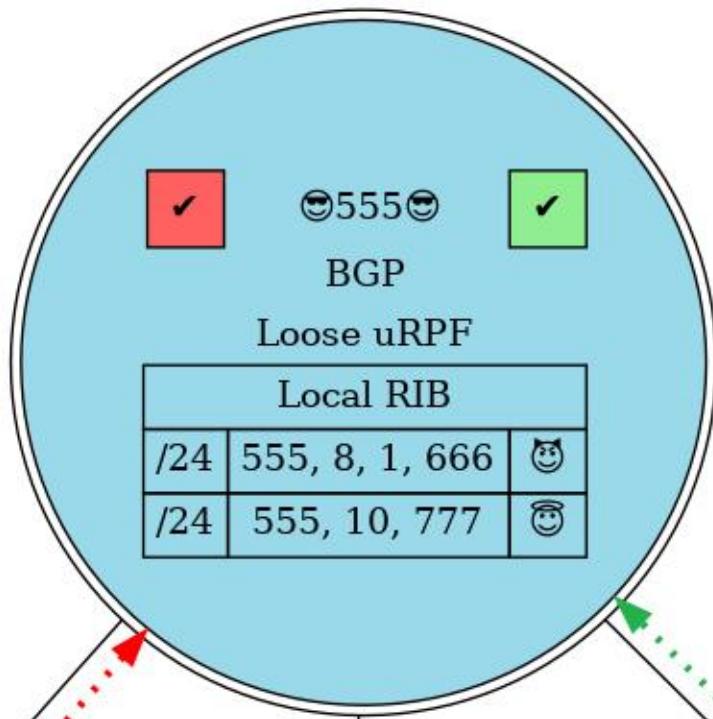


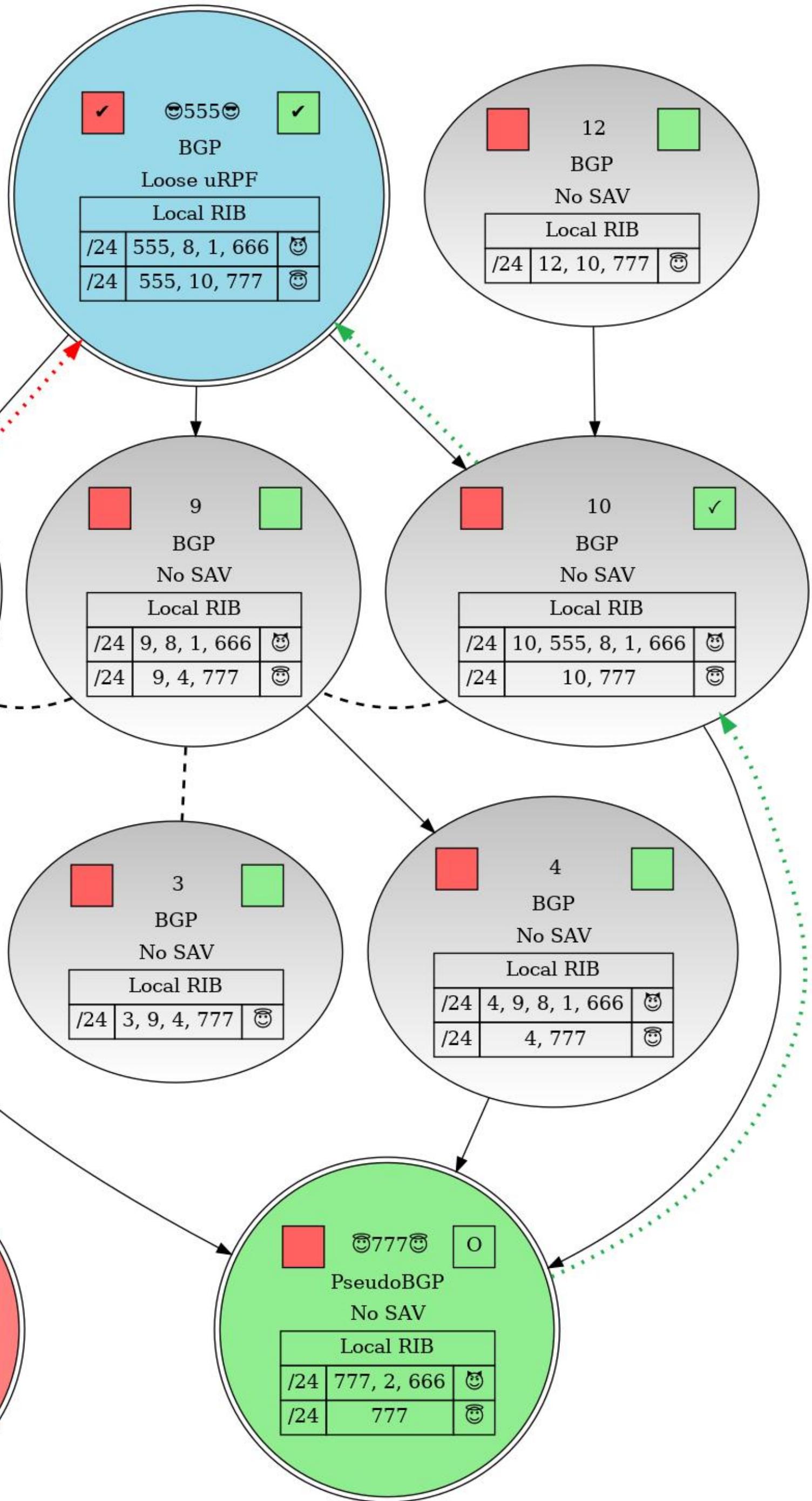
(Data Plane Outcomes)			
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_000 Ground Truth)
Single reflector running Loose uRPF

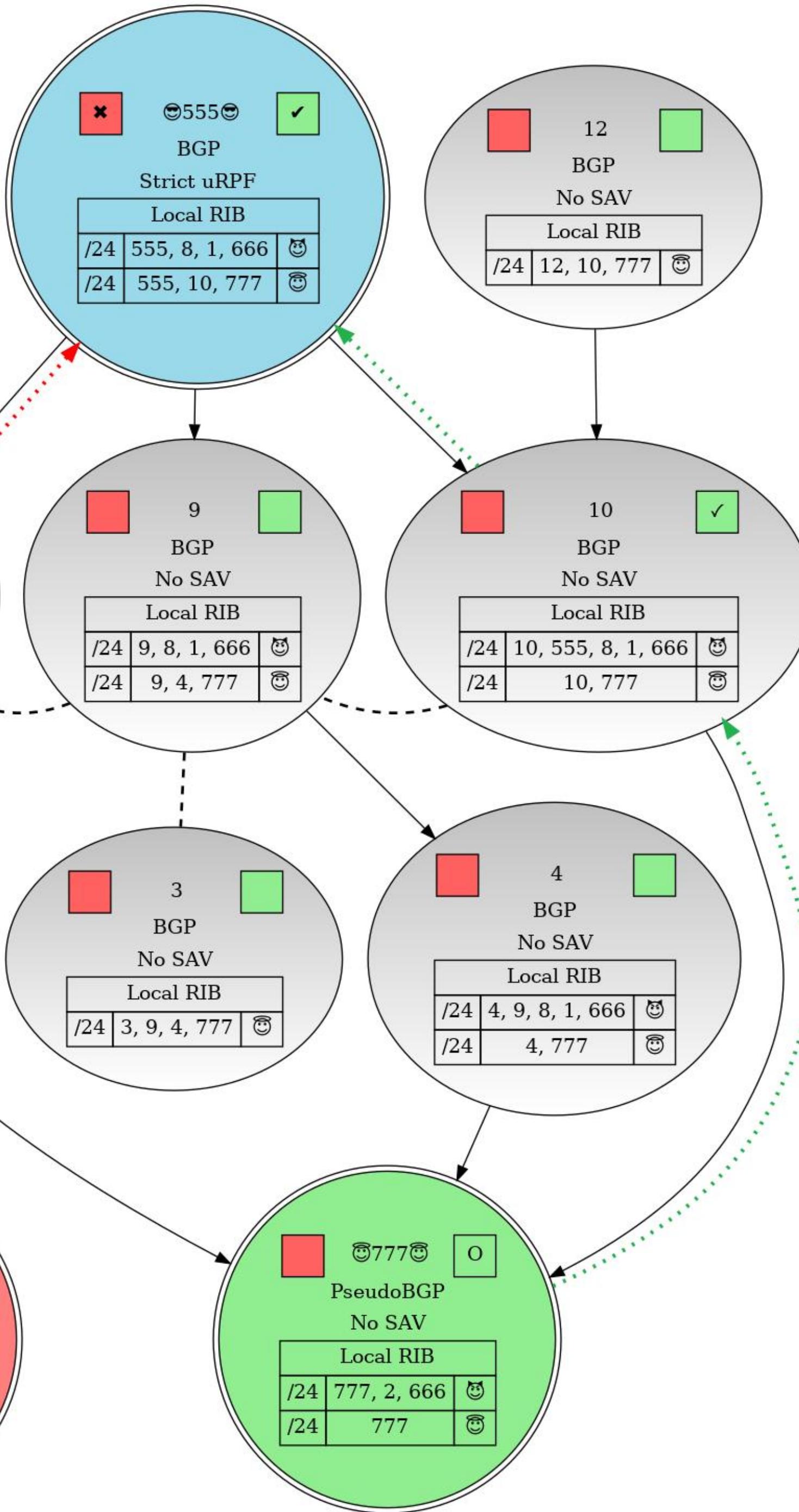
(Data Plane Outcomes)

(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(Data Plane Outcomes)

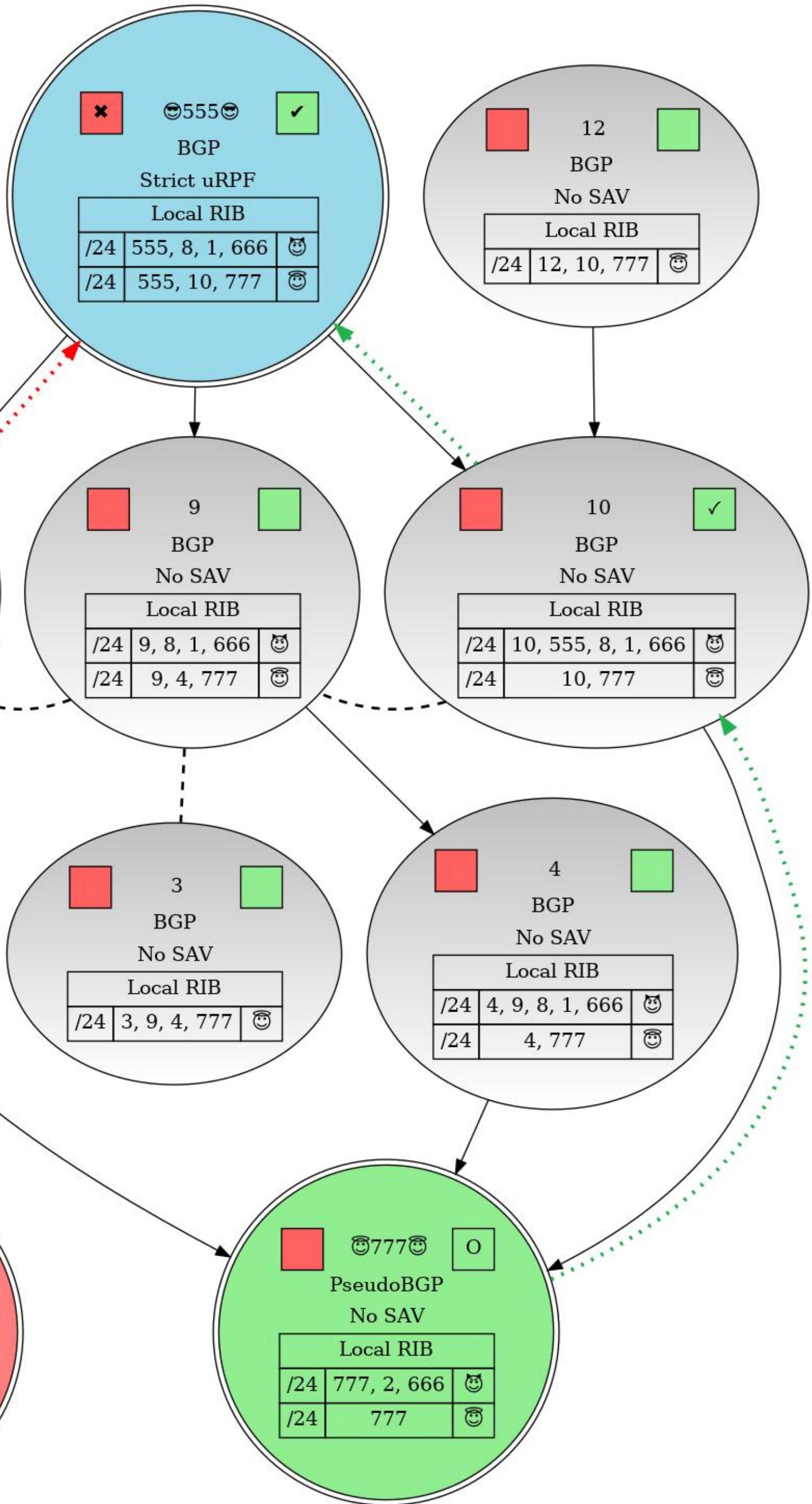
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	1	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_001 Ground Truth)
Single reflector running Strict uRPF

(Data Plane Outcomes)

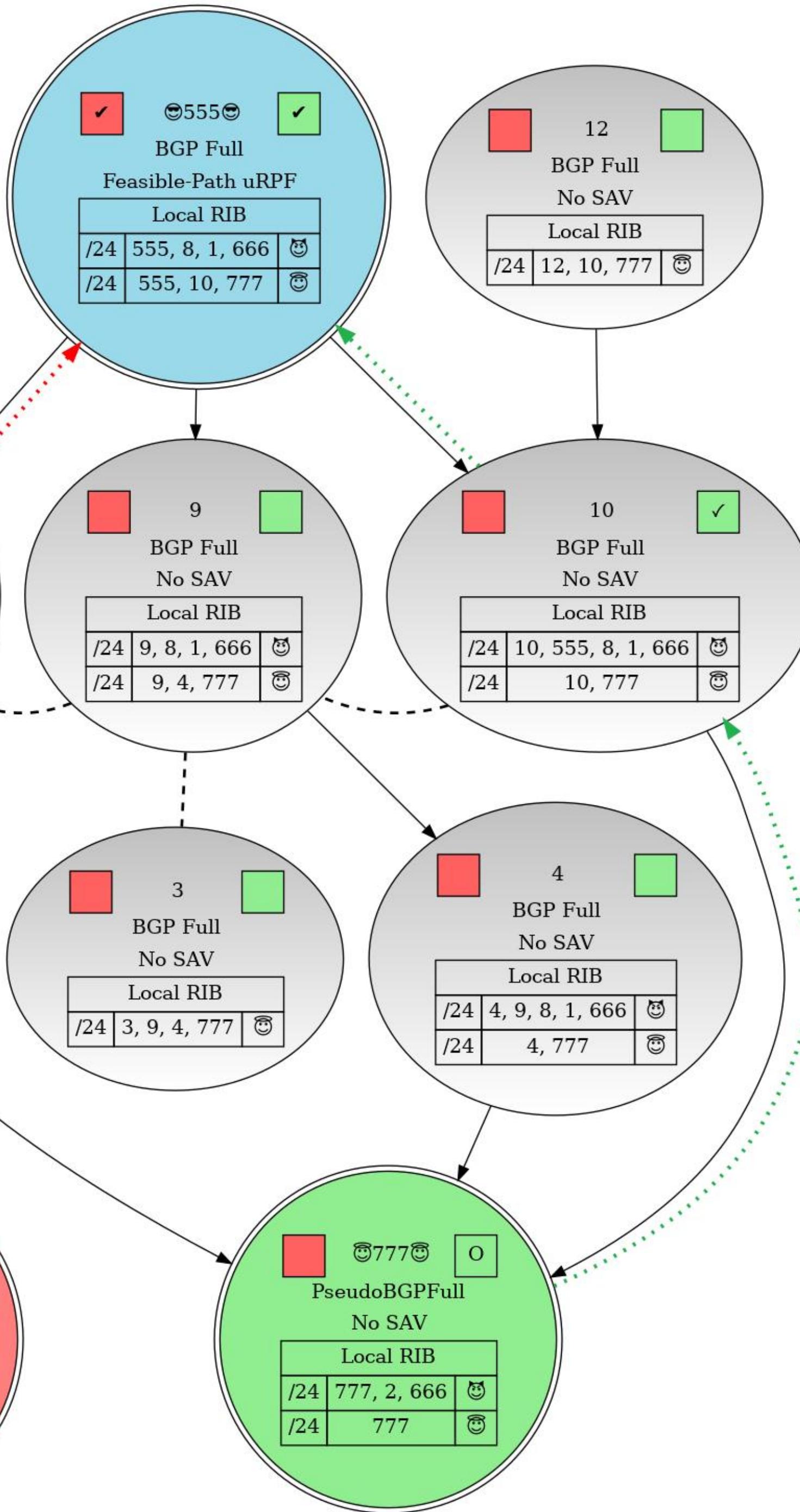
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	1	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_001)
Single reflector running Strict uRPF

(Data Plane Outcomes)

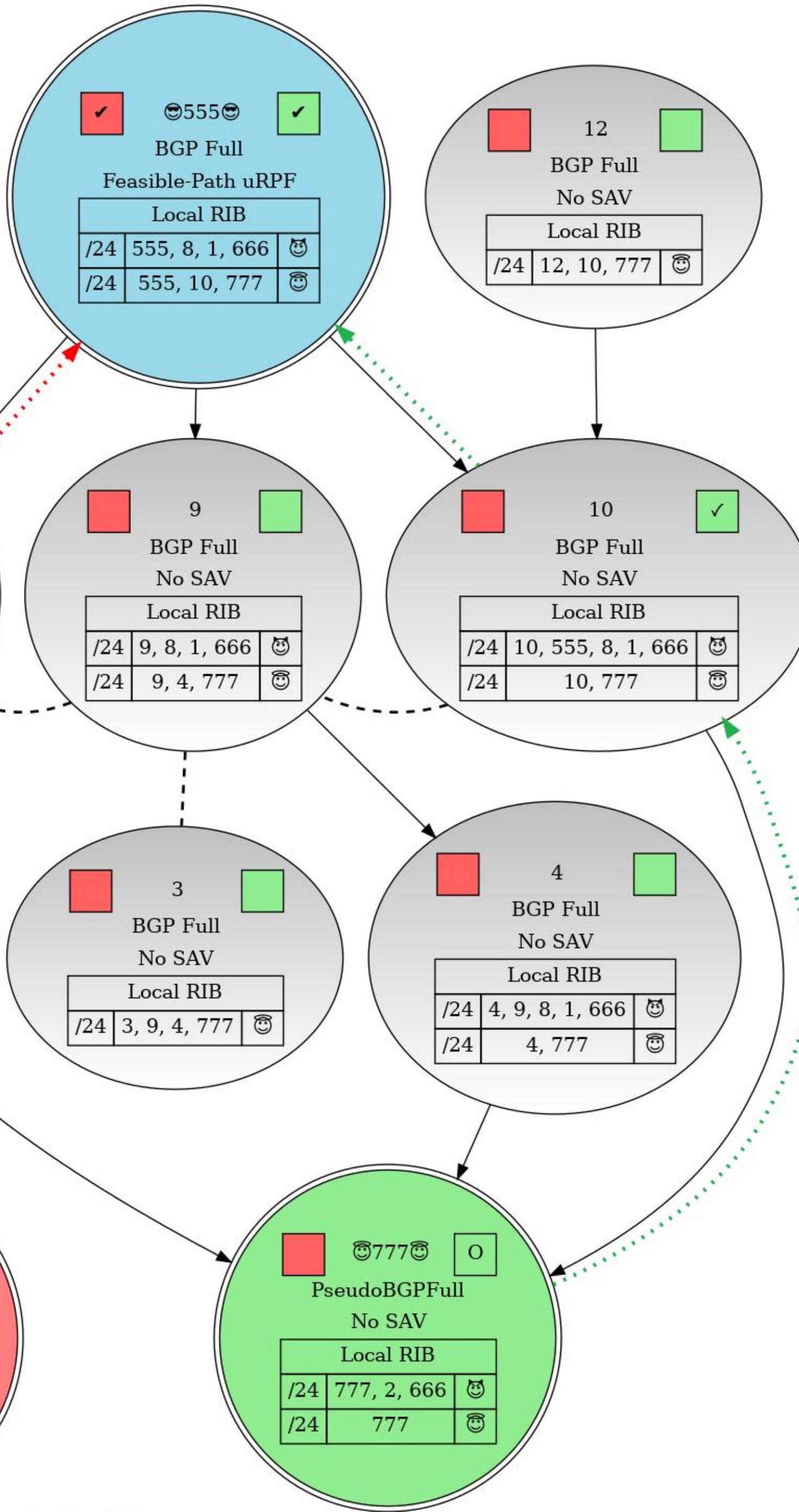
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_002 Ground Truth)
Single reflector running Feasible Path uRPF

(Data Plane Outcomes)

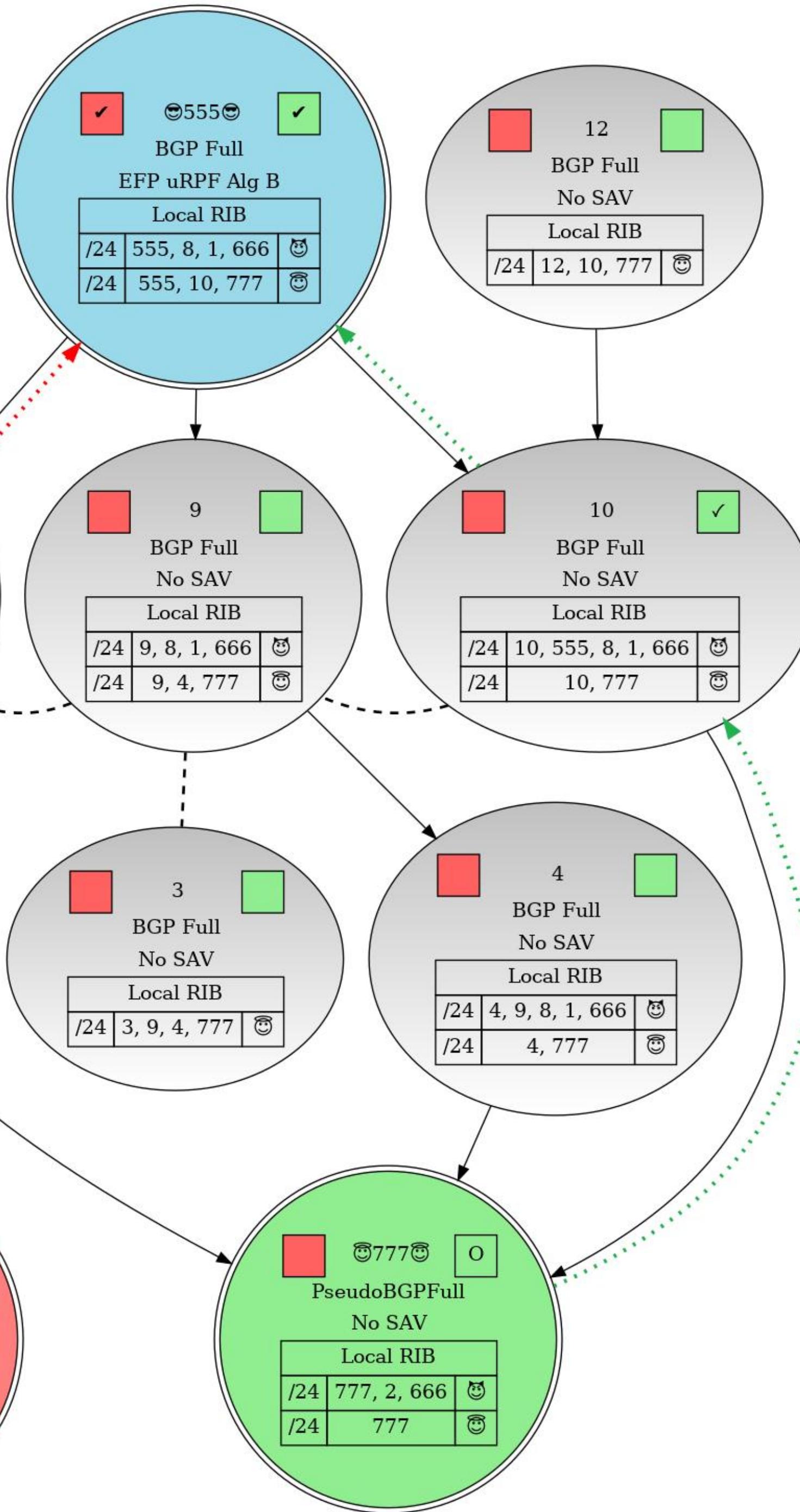
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_002)
Single reflector running Feasible Path uRPF

(Data Plane Outcomes)

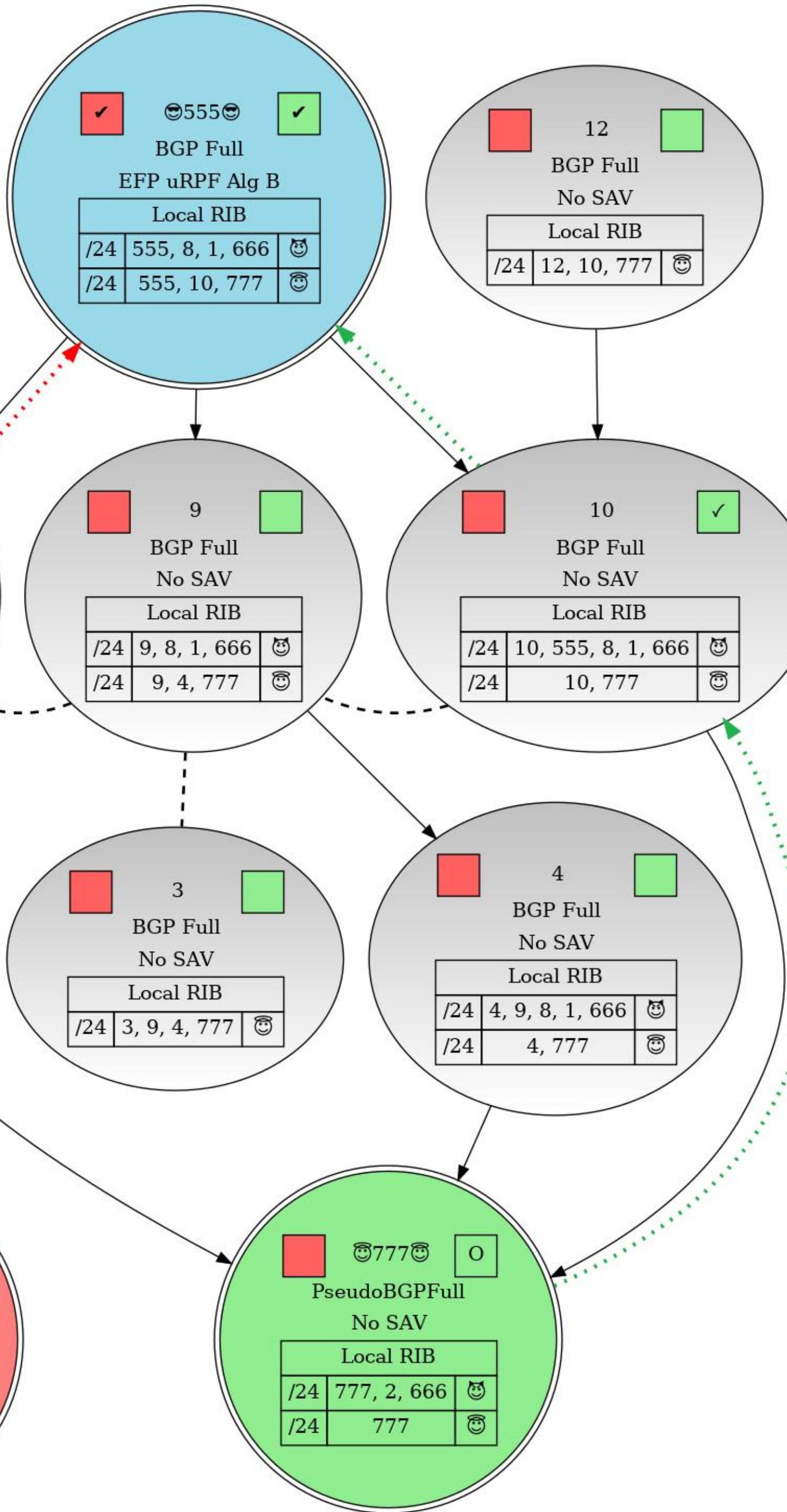
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_003 Ground Truth)
Single reflector running EFP uRPF

(Data Plane Outcomes)

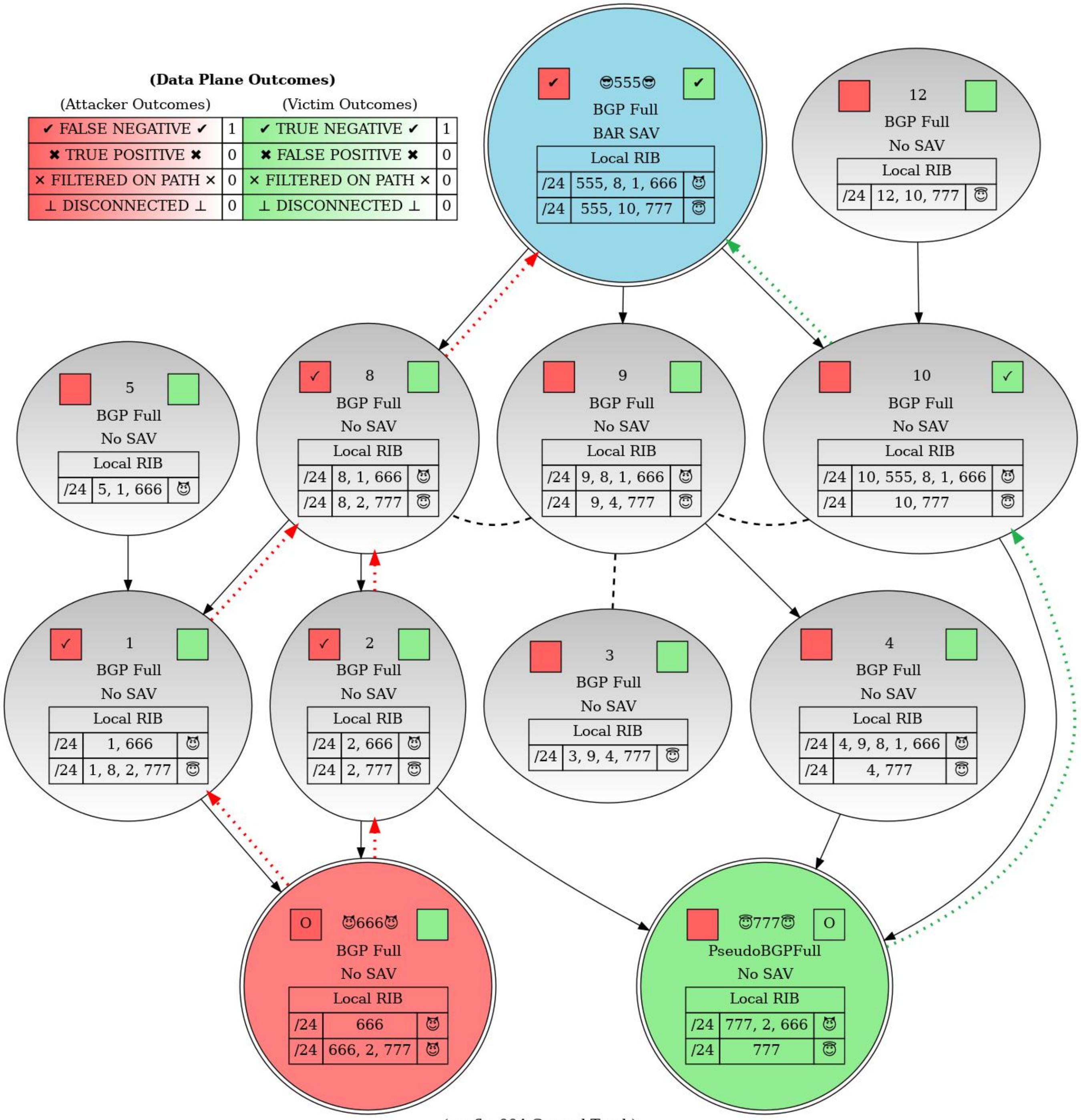
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_003)
Single reflector running EFP uRPF

(Data Plane Outcomes)

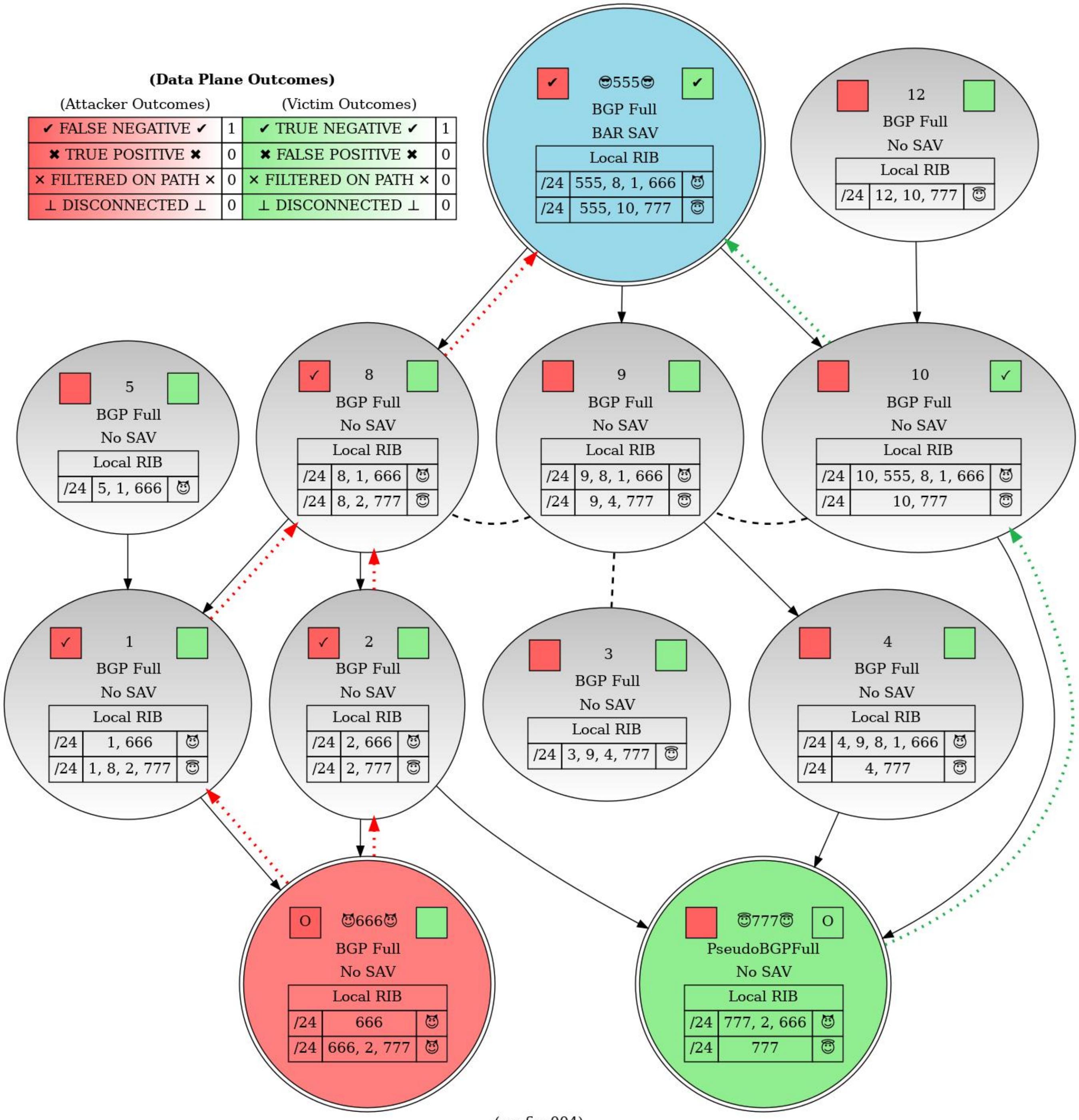
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_004 Ground Truth)
Single reflector running BAR SAV

(Data Plane Outcomes)

(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



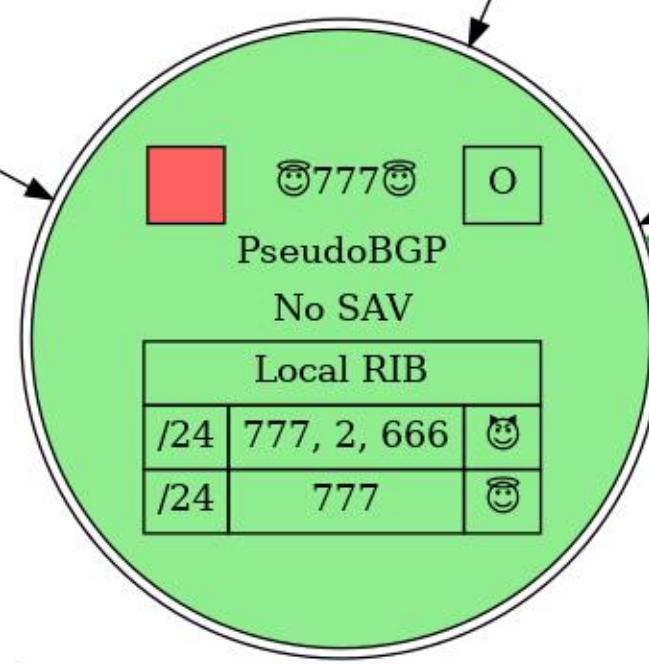
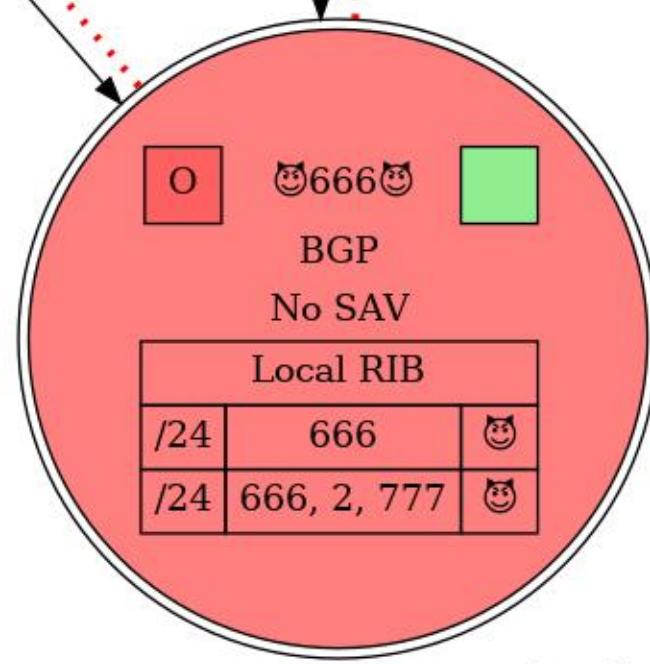
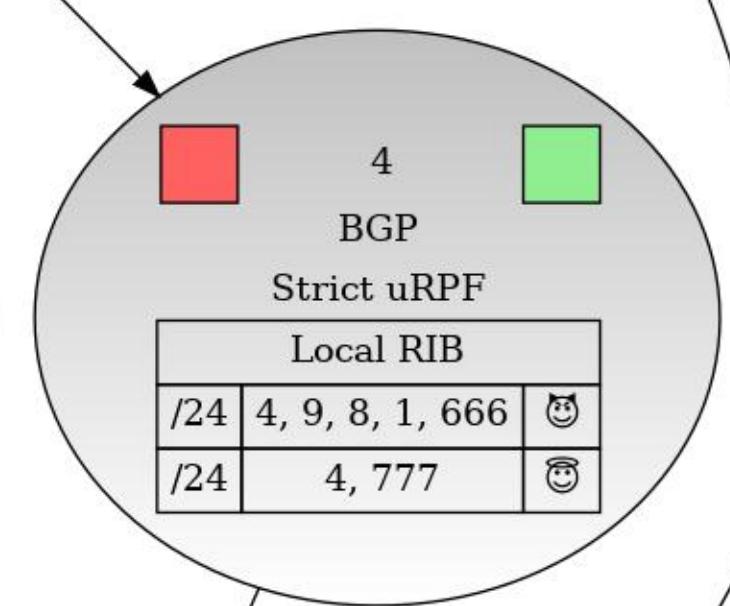
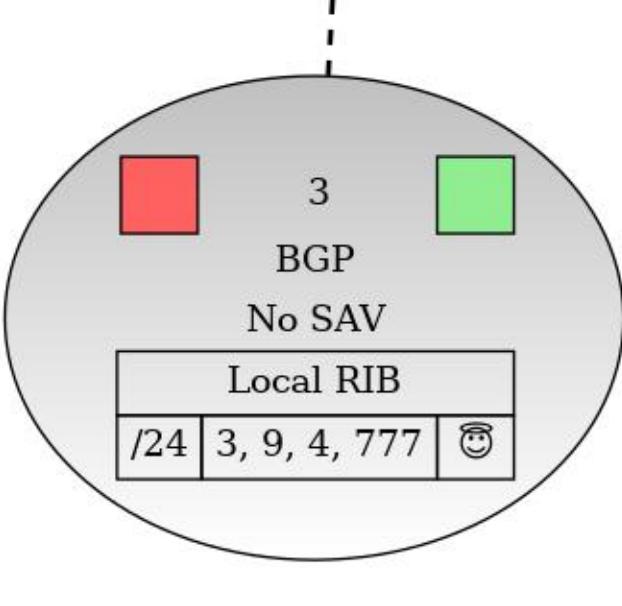
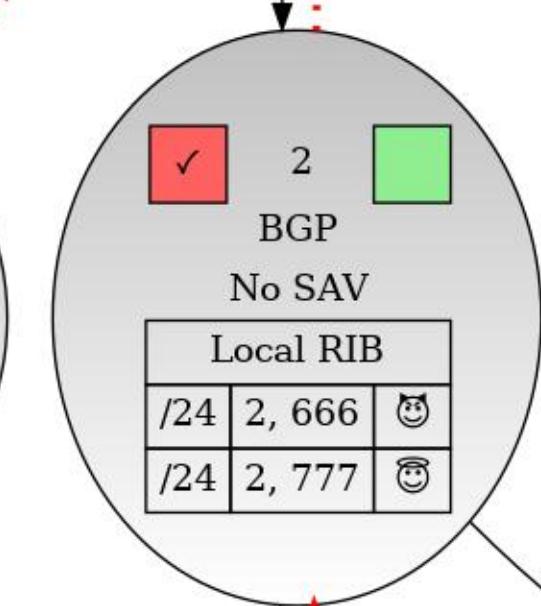
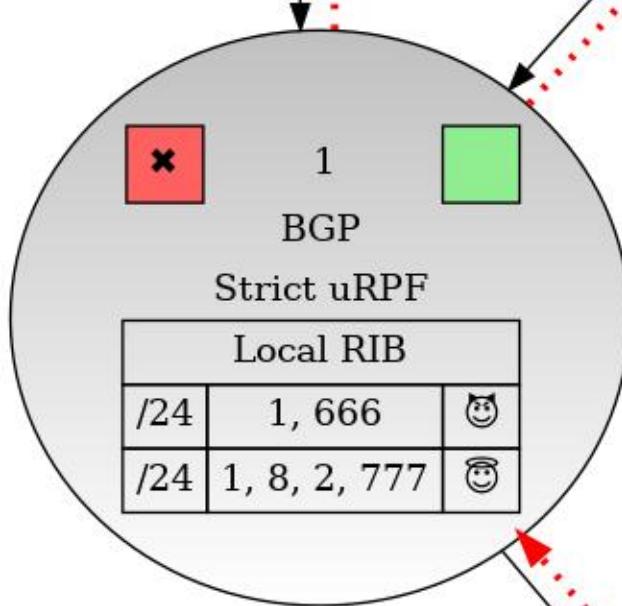
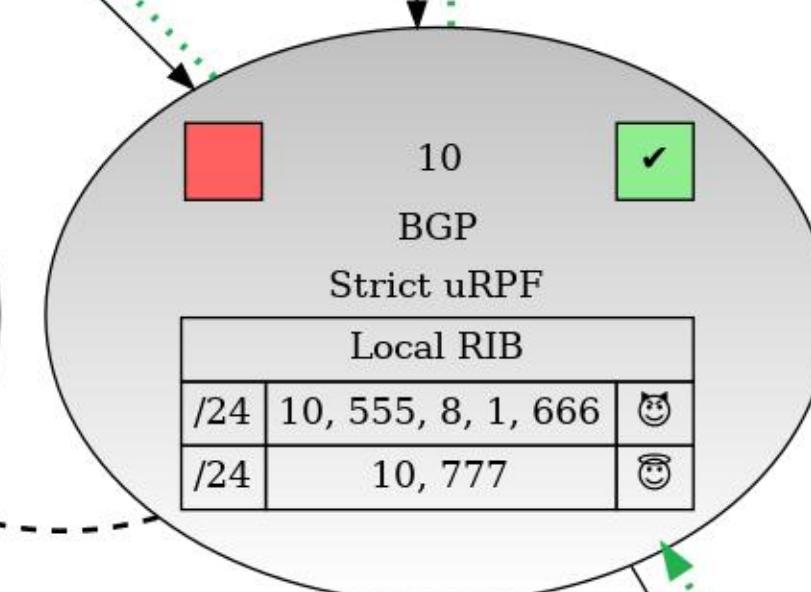
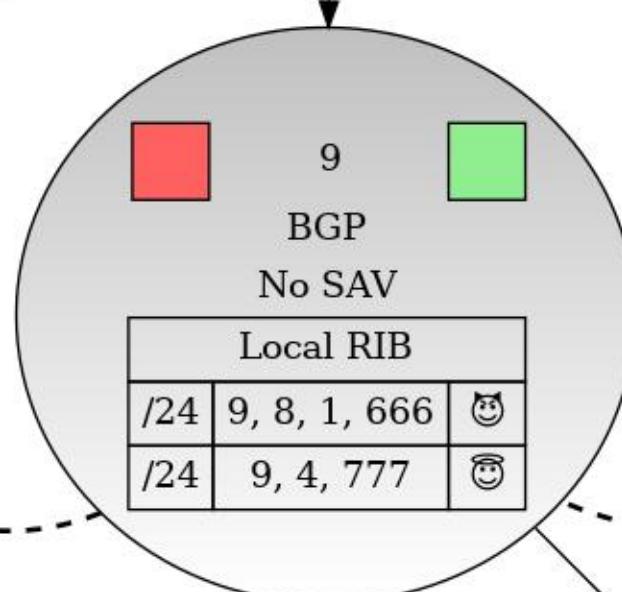
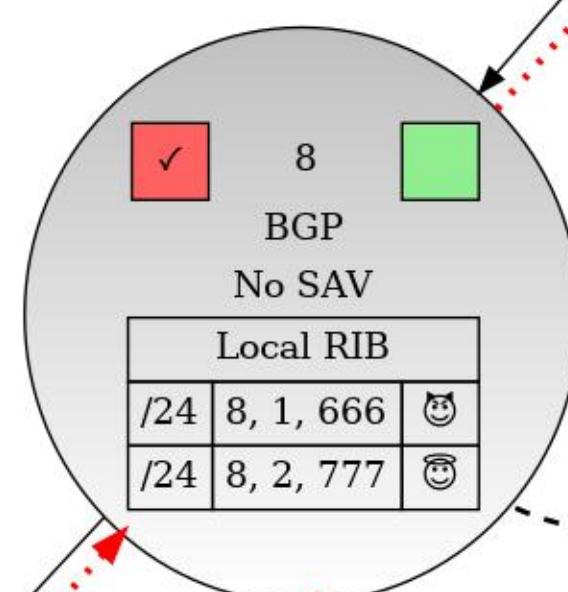
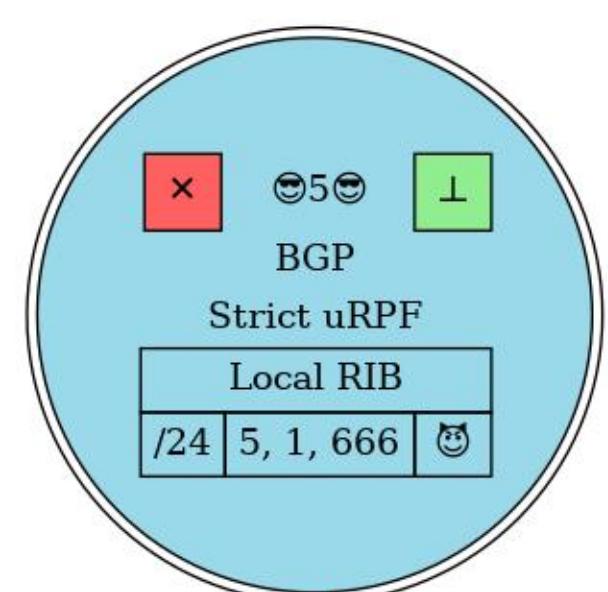
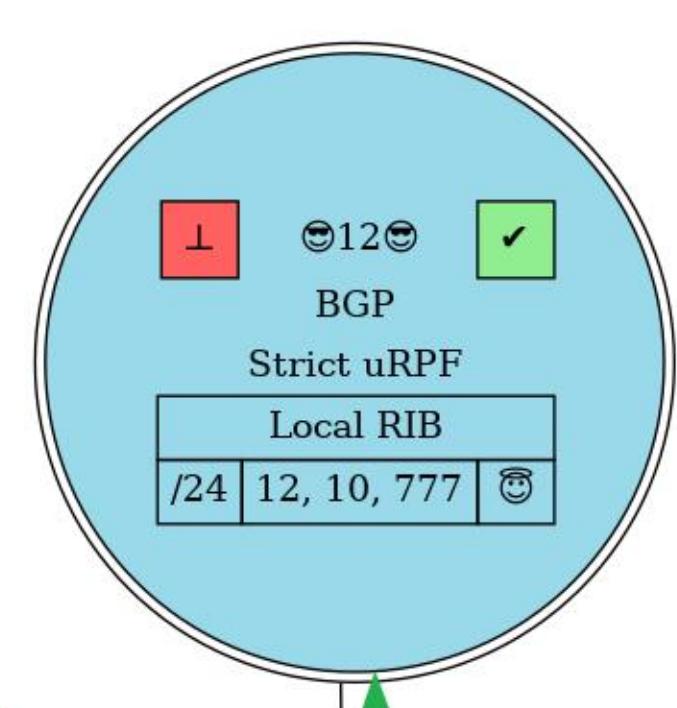
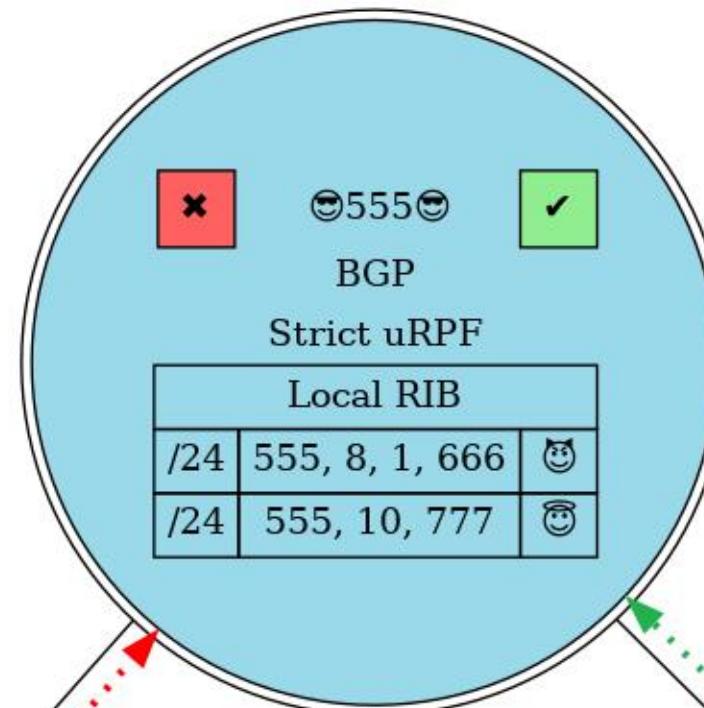
(config_004)
Single reflector running BAR SAV

(Data Plane Outcomes)

(Attacker Outcomes)

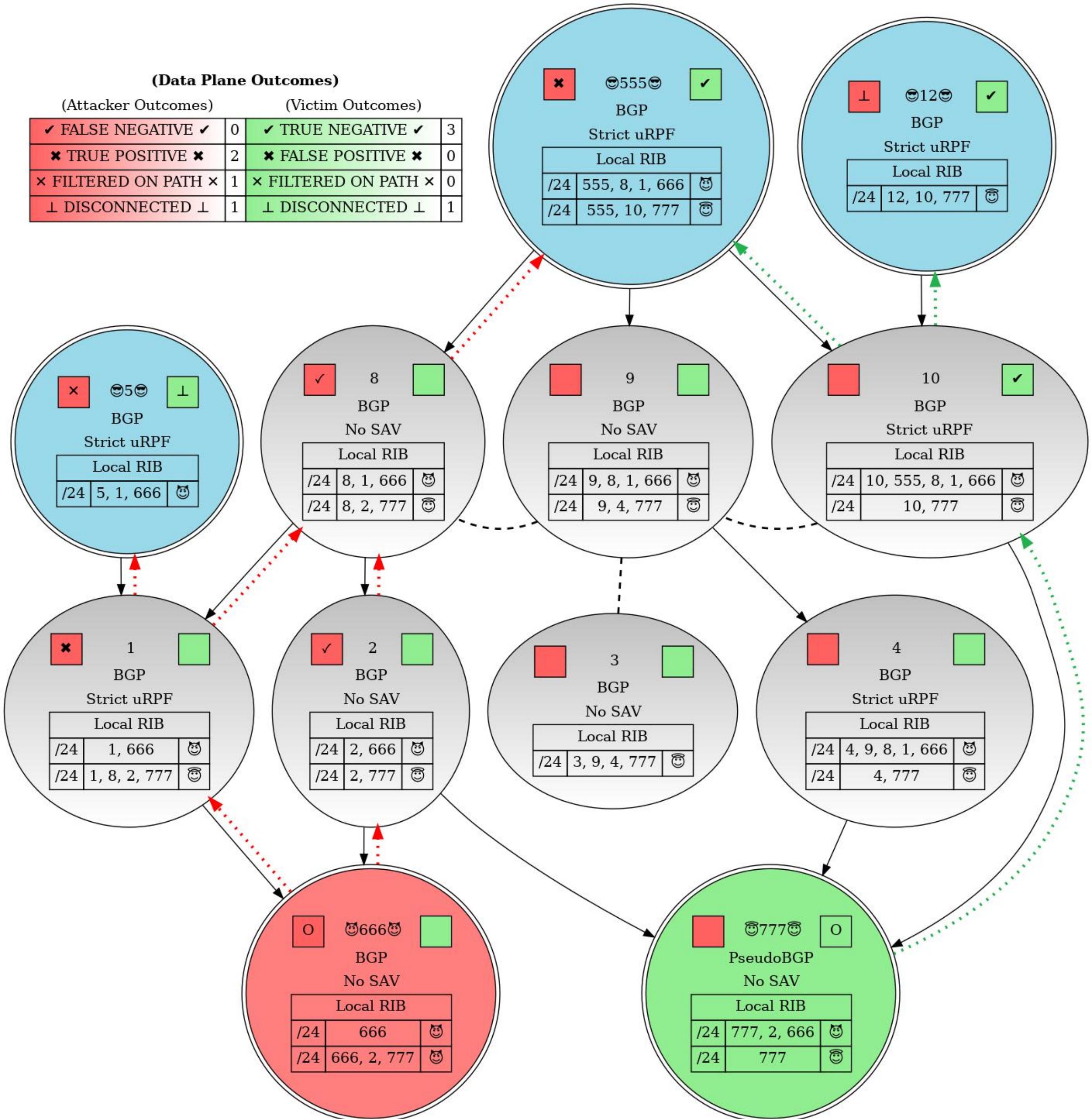
(Victim Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	3
✗ TRUE POSITIVE ✗	2	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	1	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	1	⊥ DISCONNECTED ⊥	1



(config_005 Ground Truth)
Multiple reflector and immediate providers deploying Strict uRPF

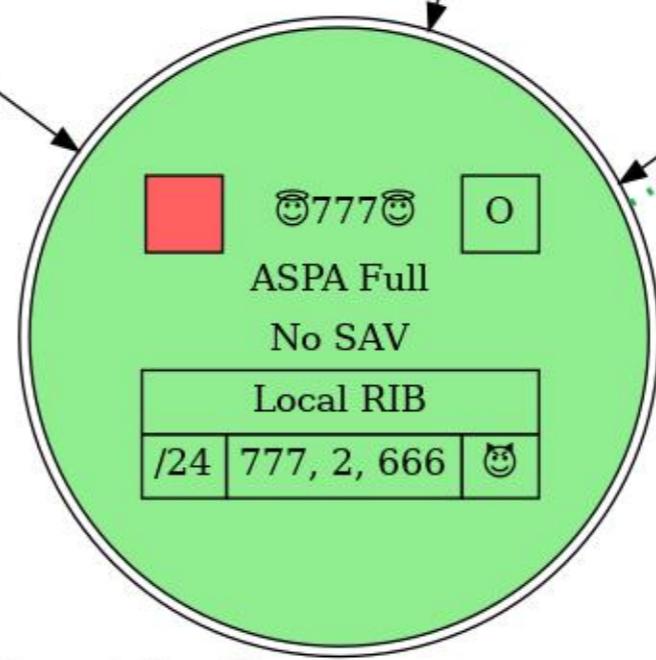
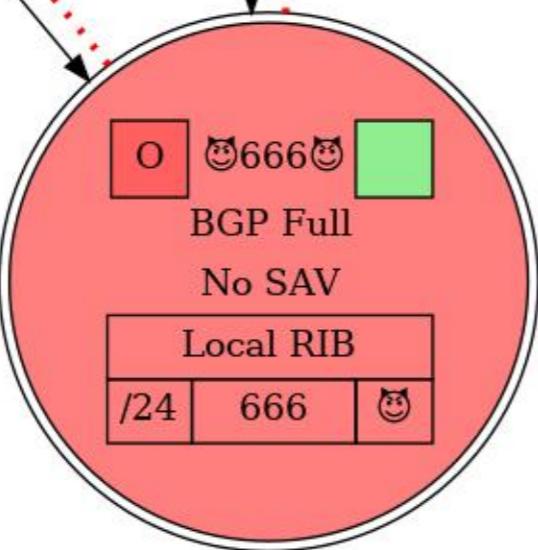
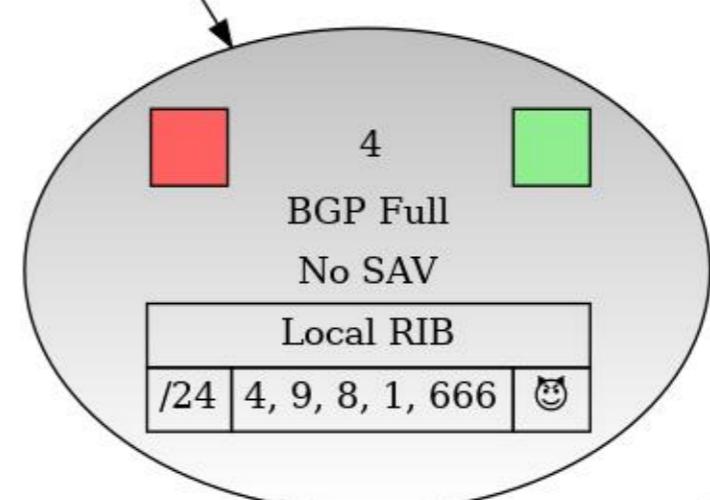
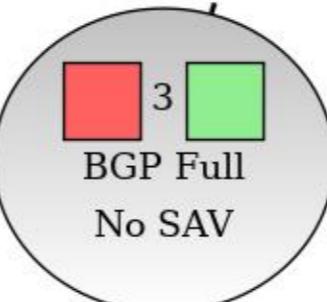
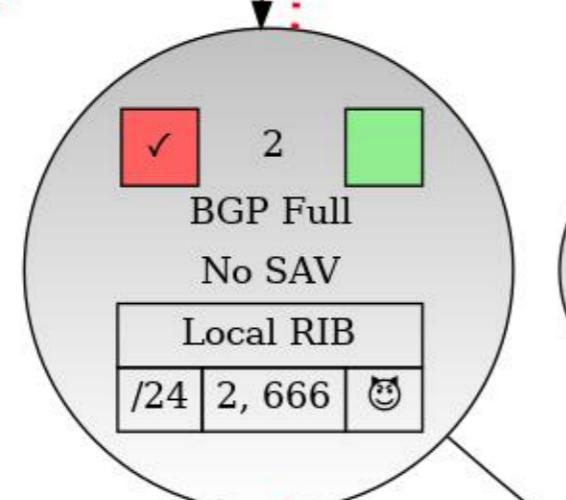
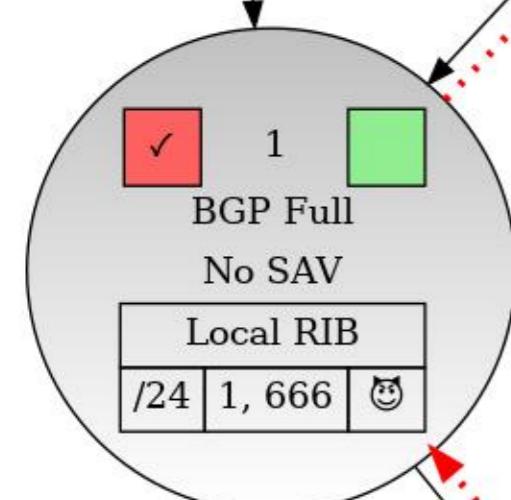
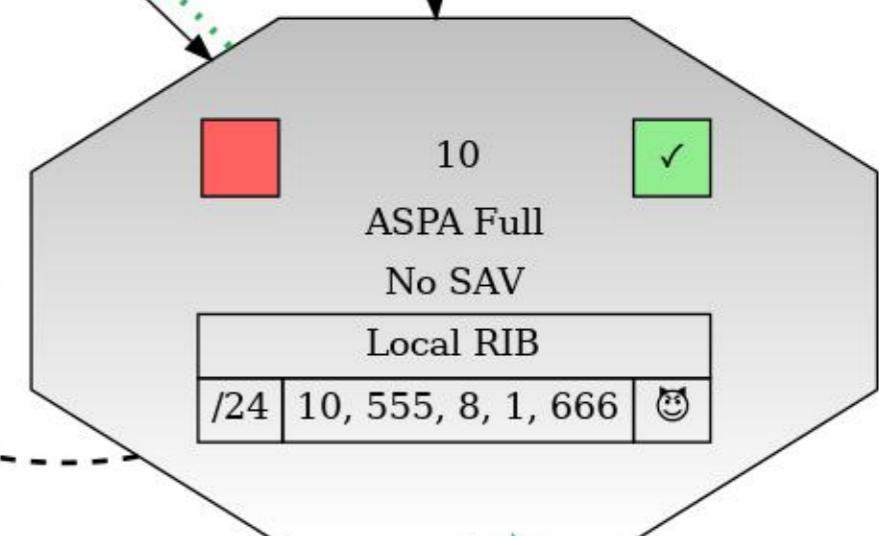
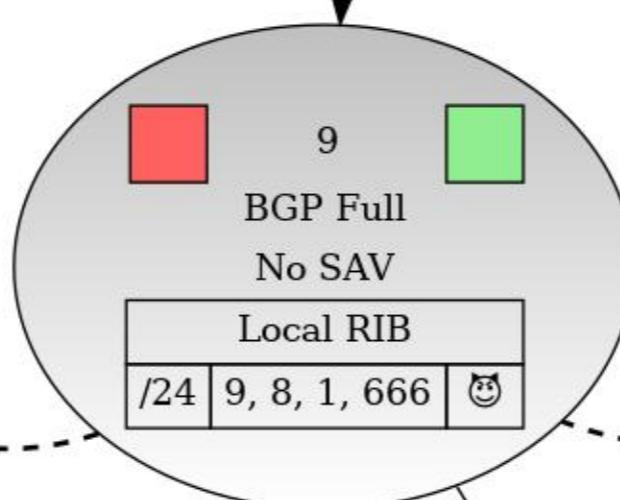
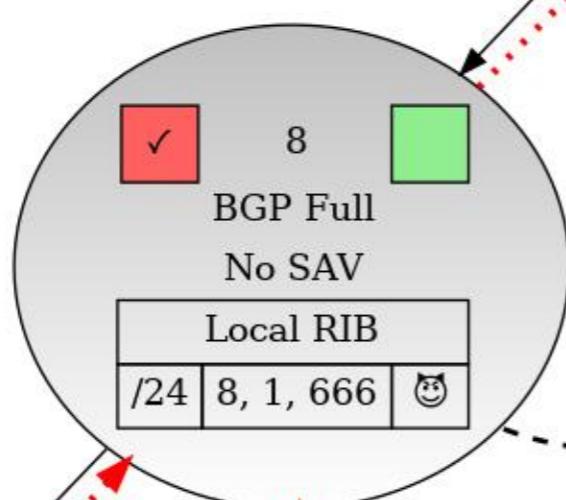
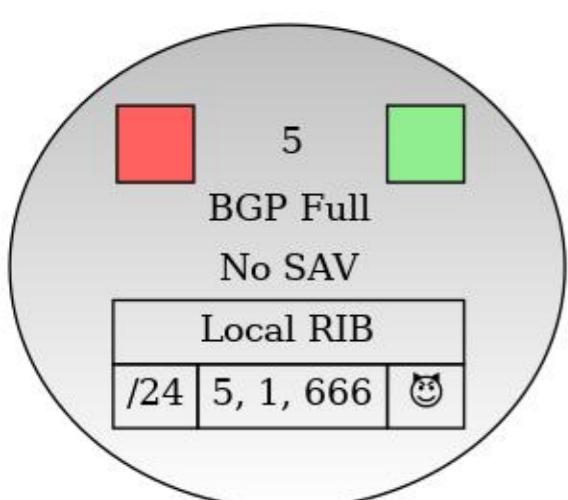
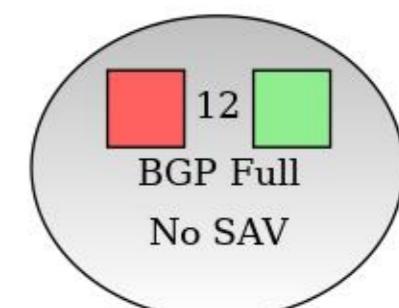
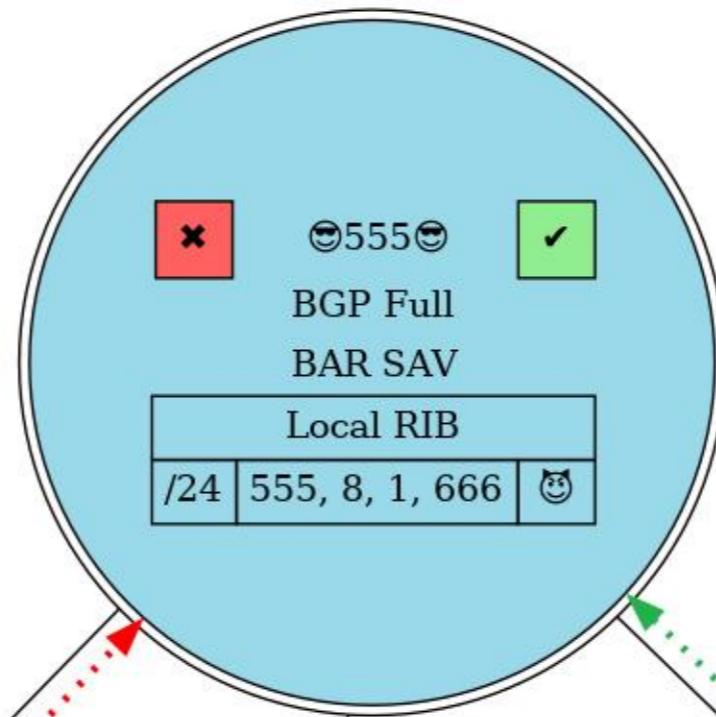
(Data Plane Outcomes)			
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	3
✗ TRUE POSITIVE ✗	2	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	1	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	1	⊥ DISCONNECTED ⊥	1



(config_005)
Multiple reflector and immediate providers deploying Strict uRPF

(Data Plane Outcomes)

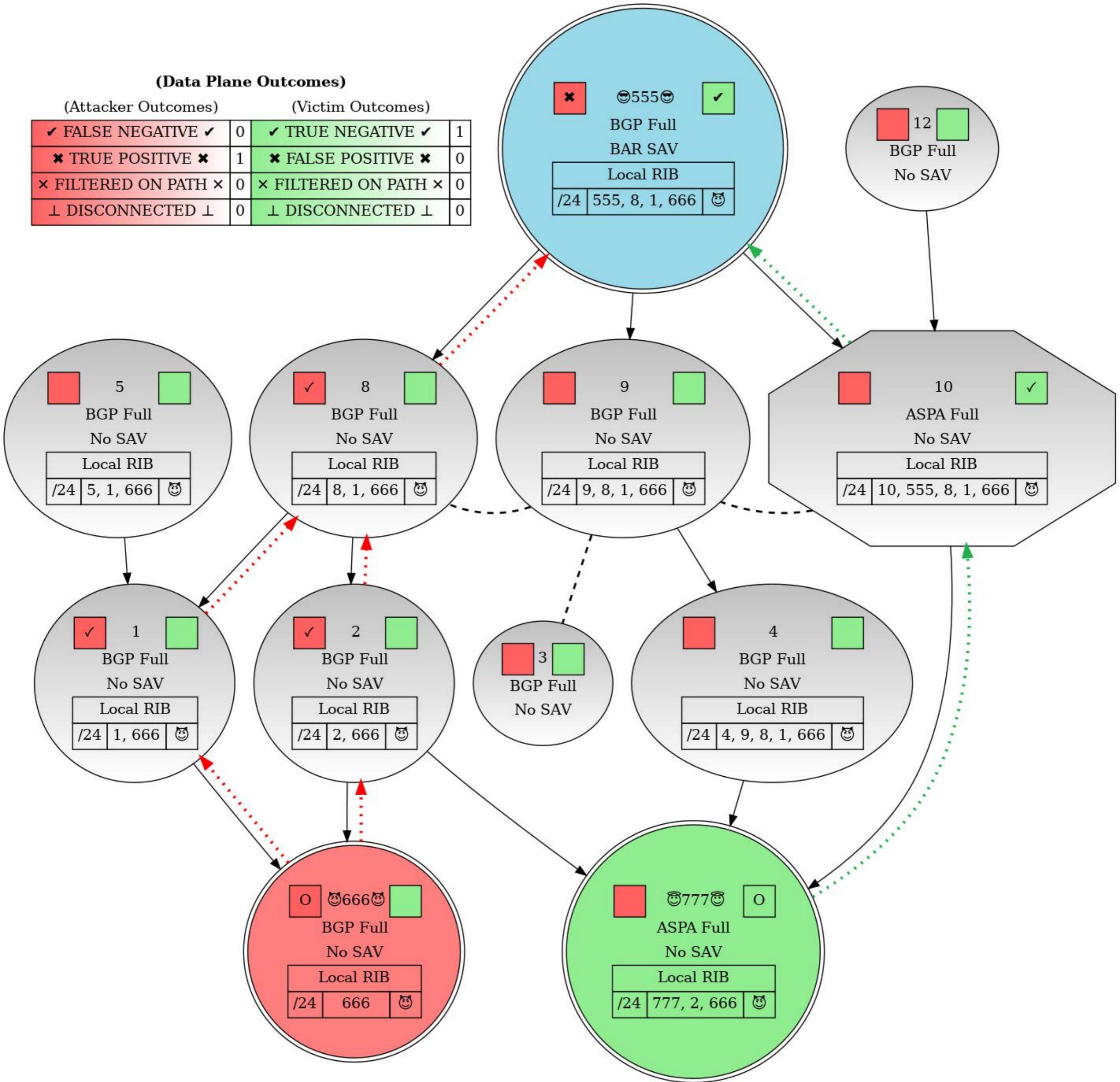
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	1	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_007 Ground Truth)
Single reflector running BAR SAV, victim does not announce prefix

(Data Plane Outcomes)

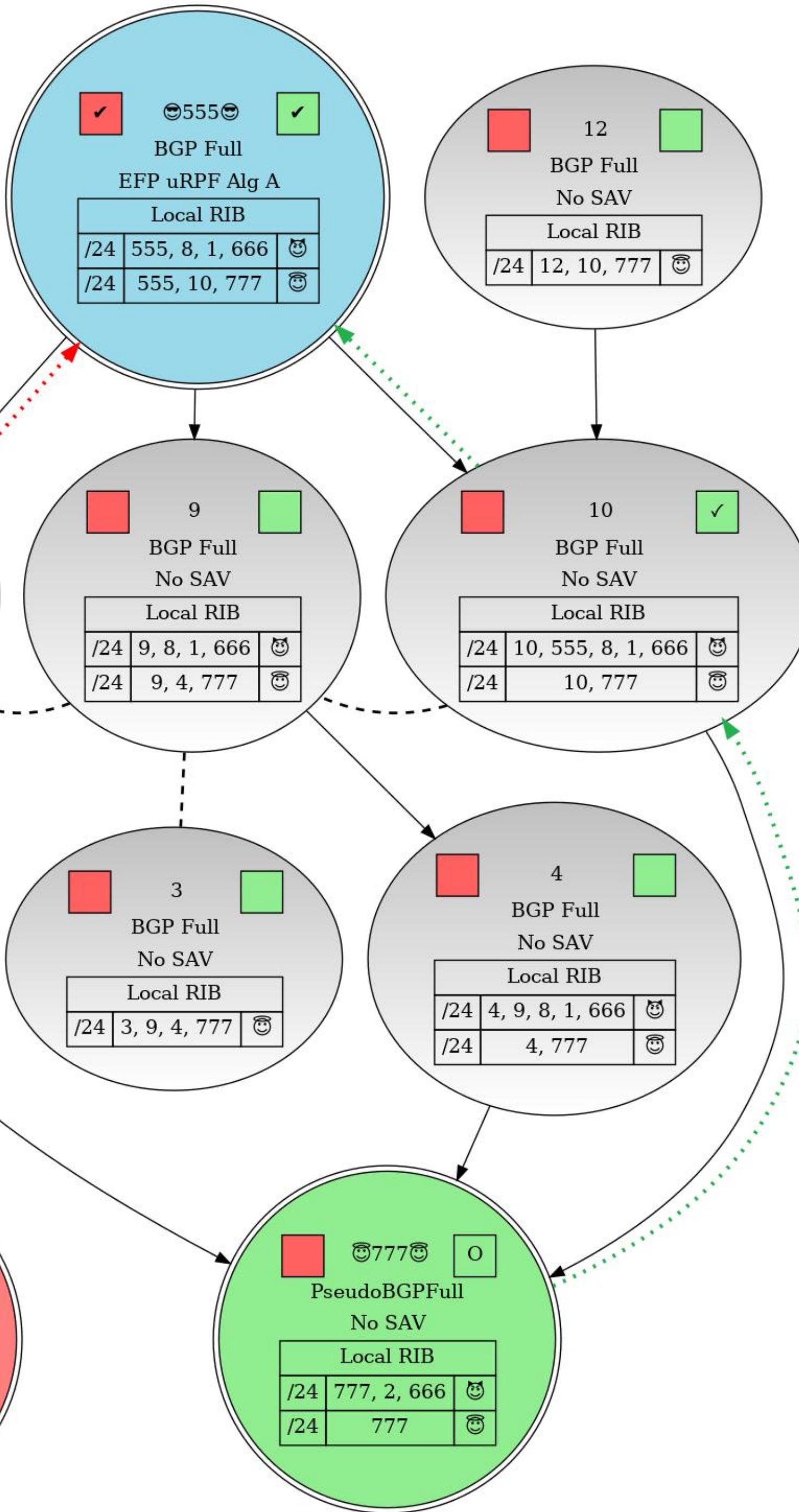
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	1	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_007)
Single reflector running BAR SAV, victim does not announce prefix

(Data Plane Outcomes)

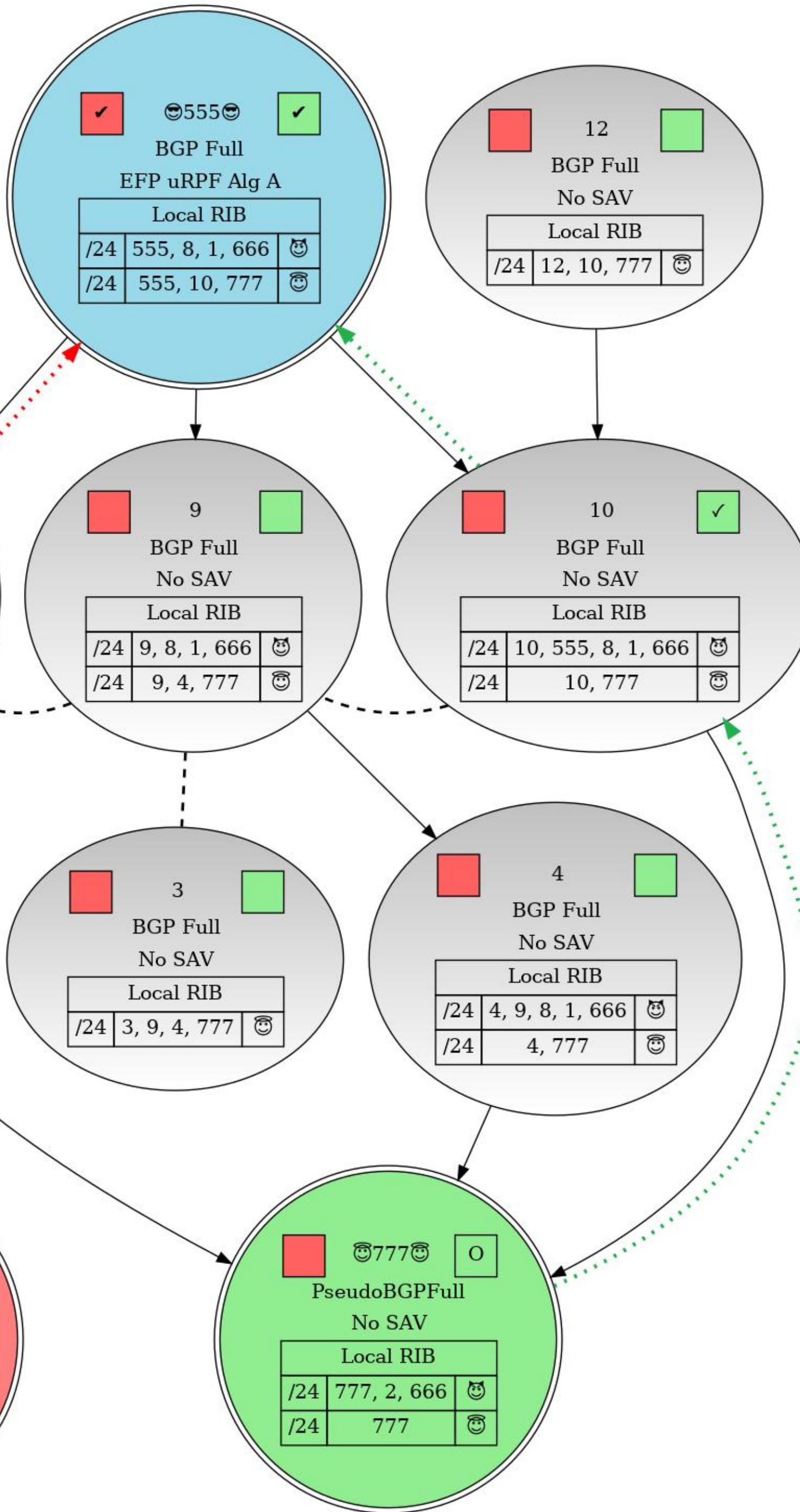
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_008 Ground Truth)
Single reflector running Enhanced Feasible Path uRPF Algorithm A

(Data Plane Outcomes)

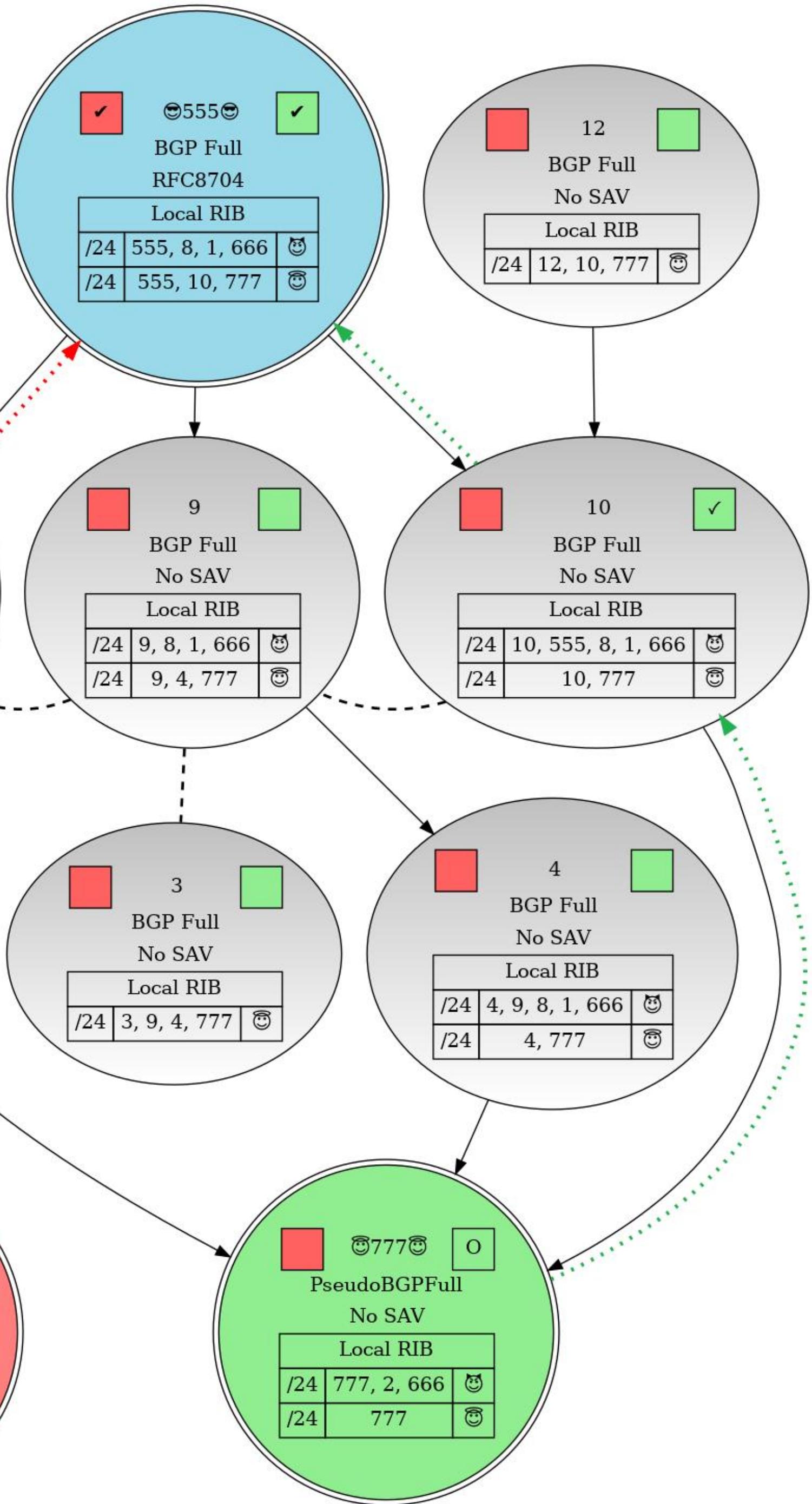
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_008)
Single reflector running Enhanced Feasible Path uRPF Algorithm A

(Data Plane Outcomes)

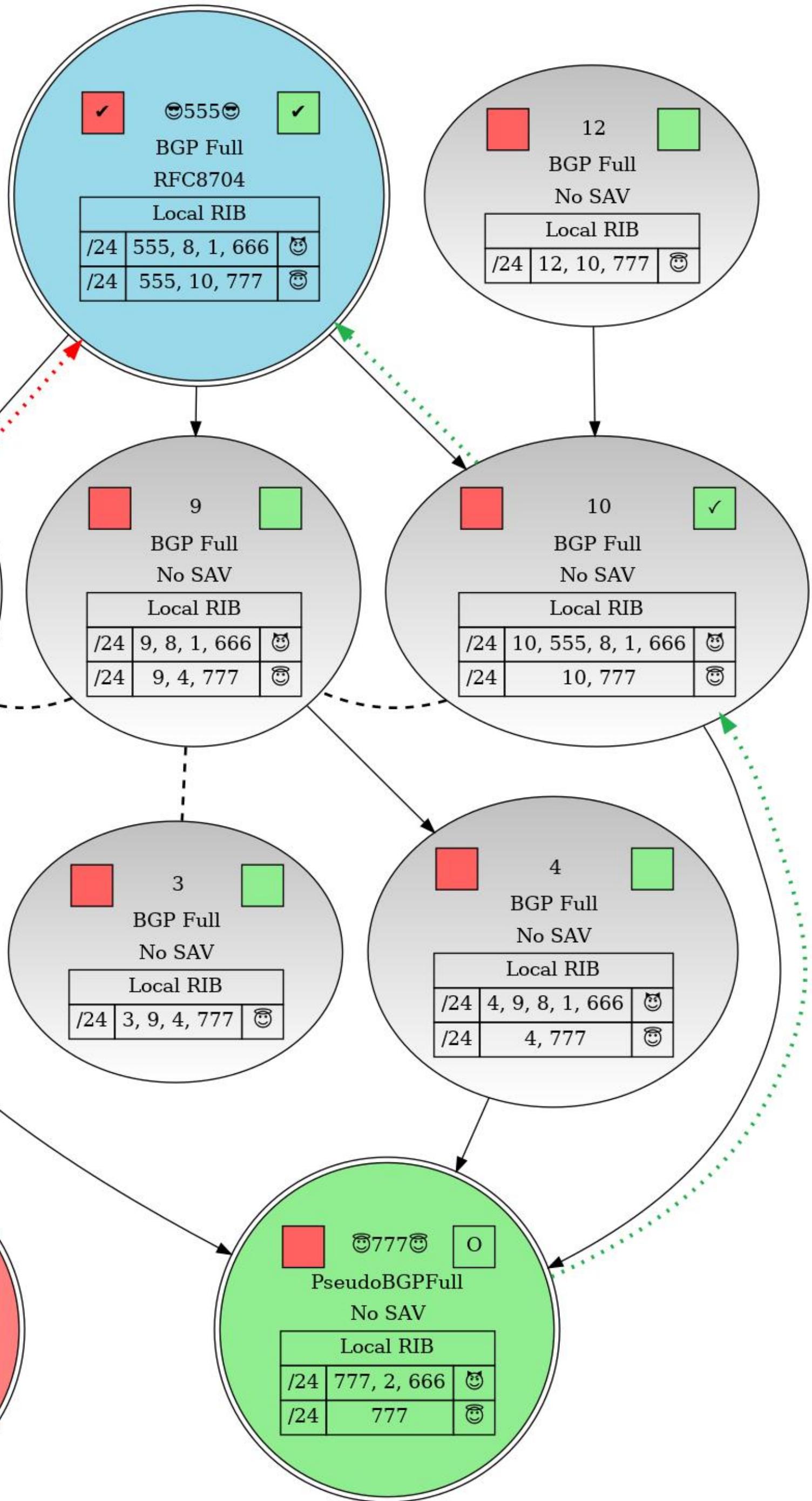
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_009 Ground Truth)
Single reflector running RFC8704 Security Recommendations

(Data Plane Outcomes)

(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



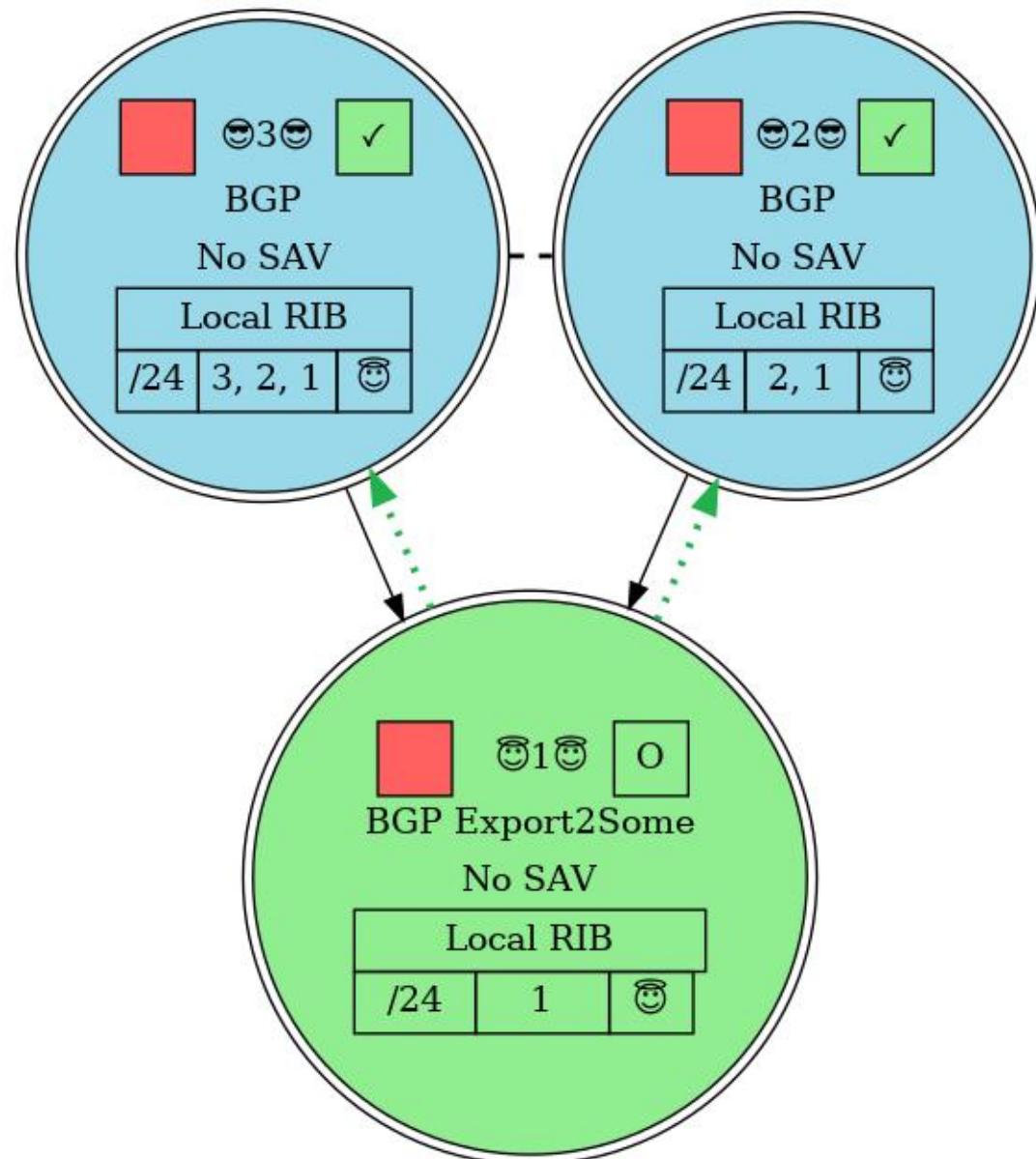
(config_009)
Single reflector running RFC8704 Security Recommendations

(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	0
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

(Victim Outcomes)



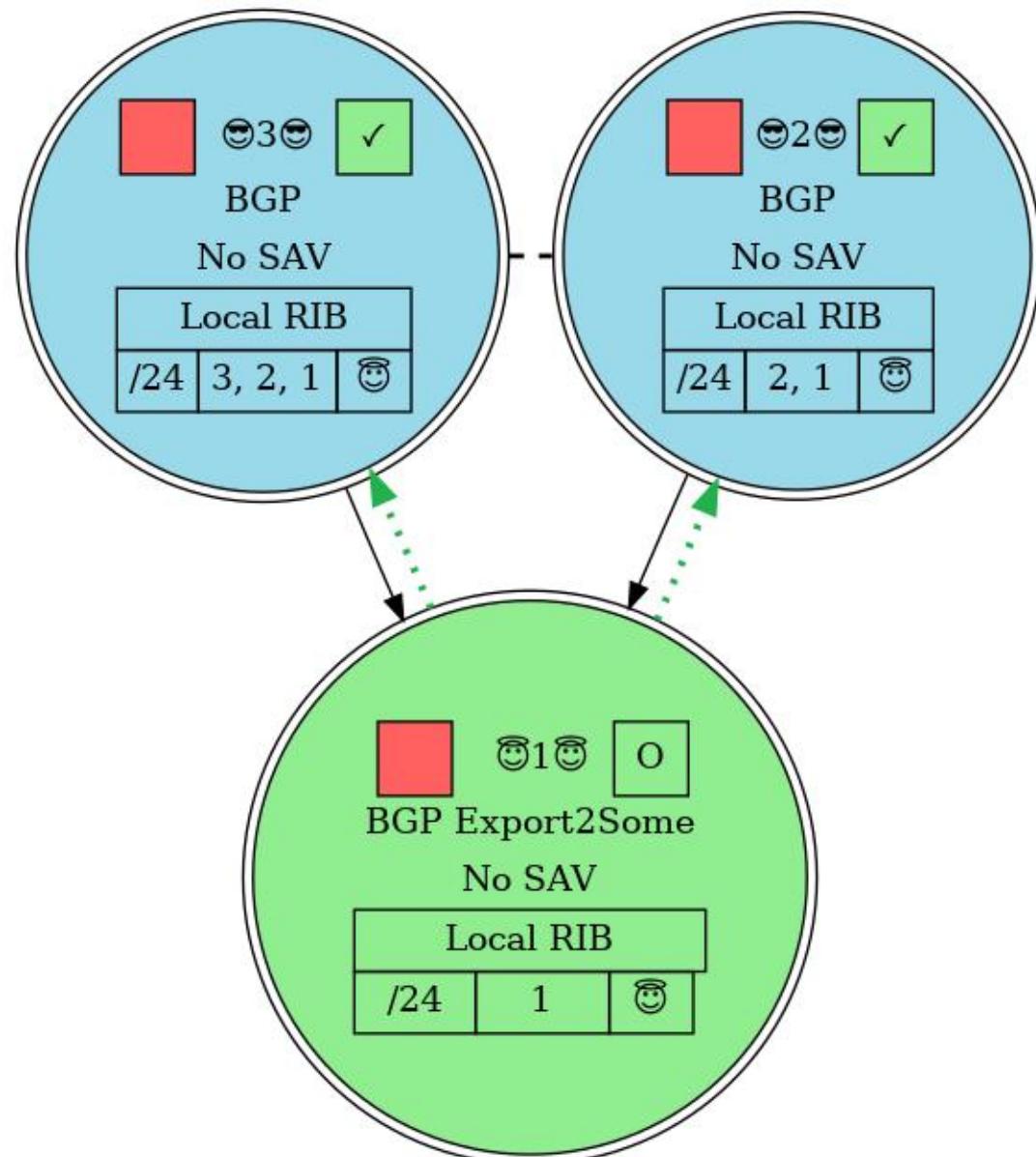
(config_010 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	0
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

(Victim Outcomes)

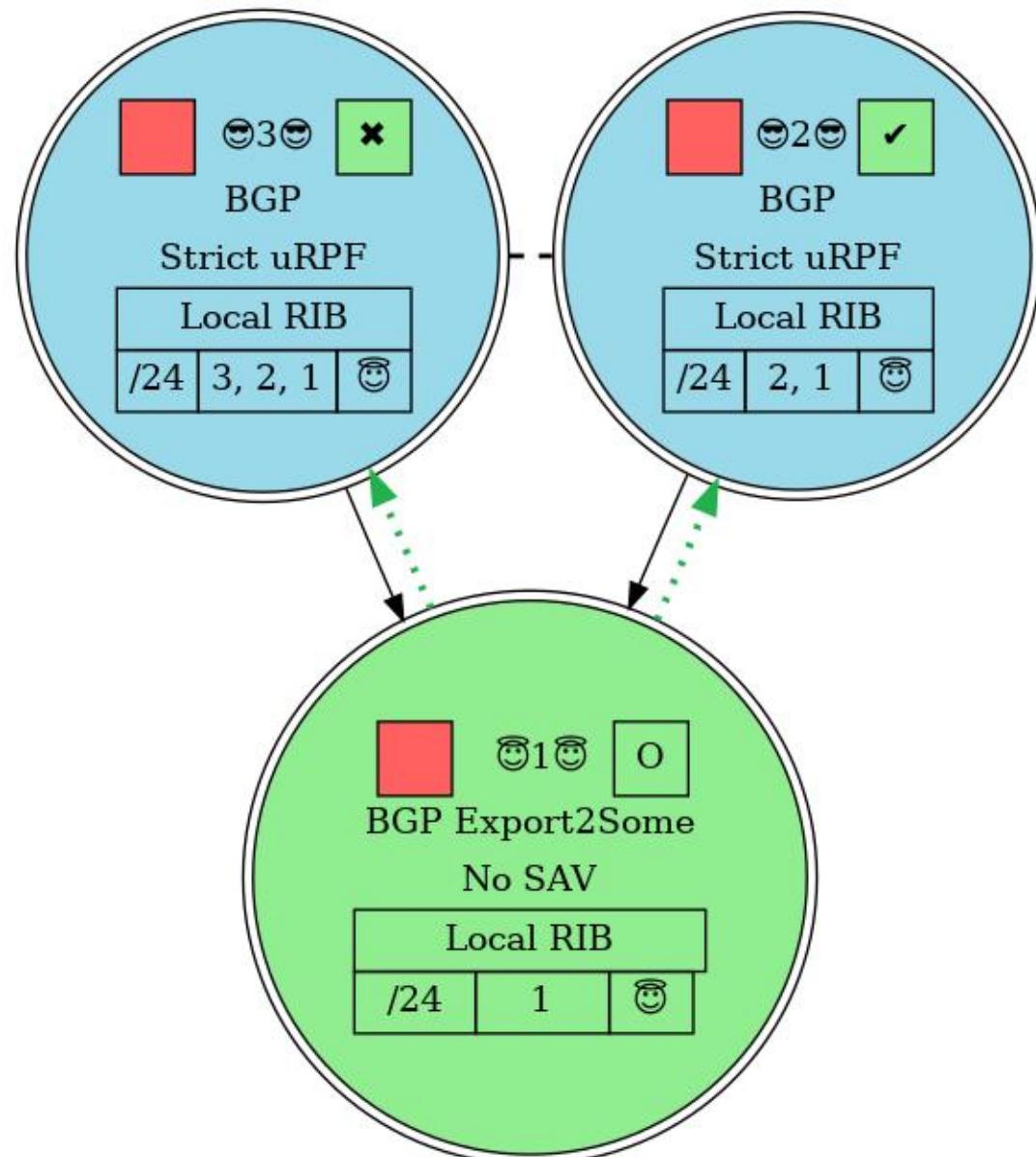


(config_010)

(Data Plane Outcomes)

(Attacker Outcomes)

		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	1
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



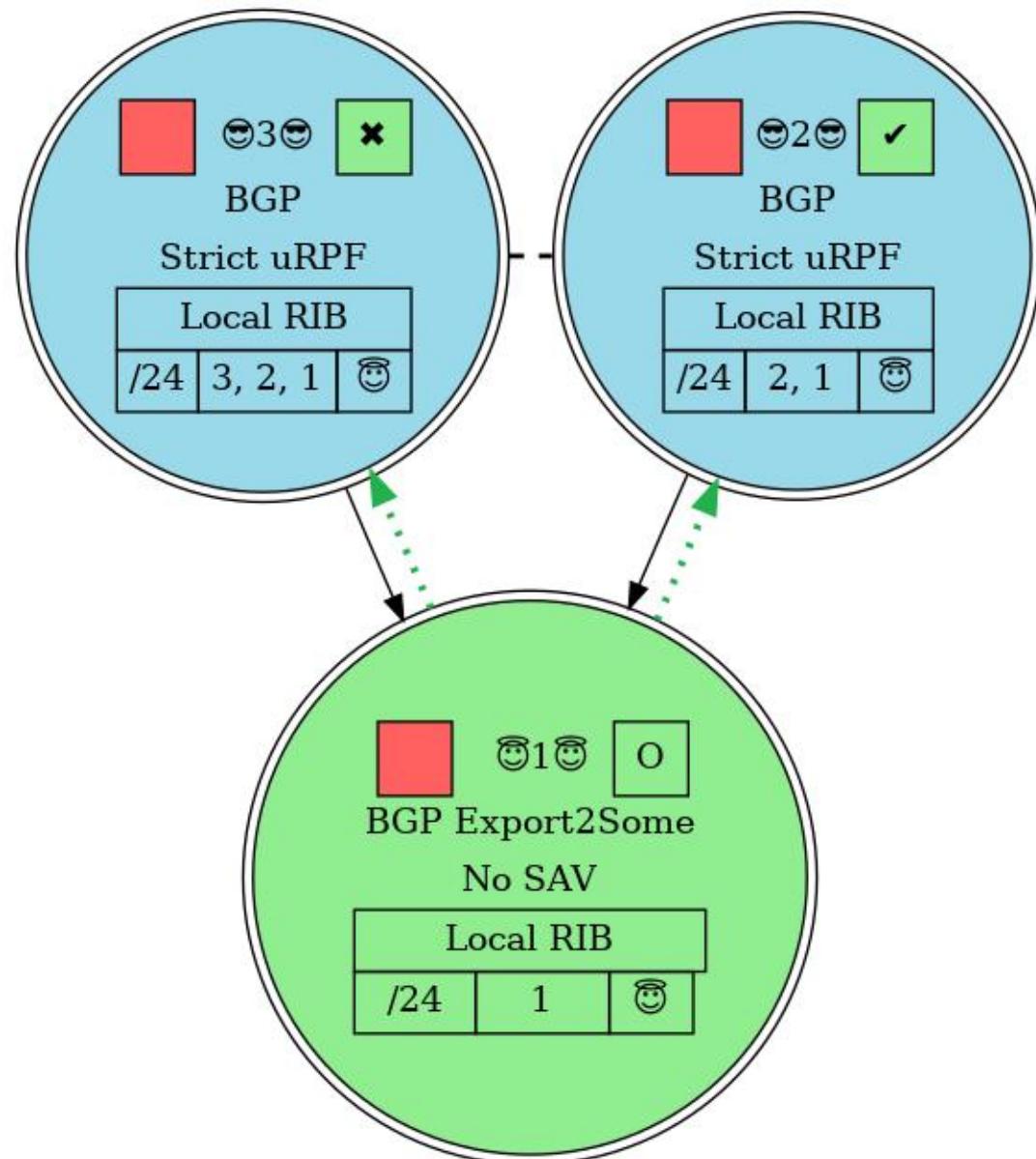
(config_011 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)

	(Victim Outcomes)
✓ FALSE NEGATIVE ✓	0 ✓ TRUE NEGATIVE ✓ 1
✗ TRUE POSITIVE ✗	0 ✗ FALSE POSITIVE ✗ 1
✗ FILTERED ON PATH ✗	0 ✗ FILTERED ON PATH ✗ 0
⊥ DISCONNECTED ⊥	0 ⊥ DISCONNECTED ⊥ 0

(Victim Outcomes)



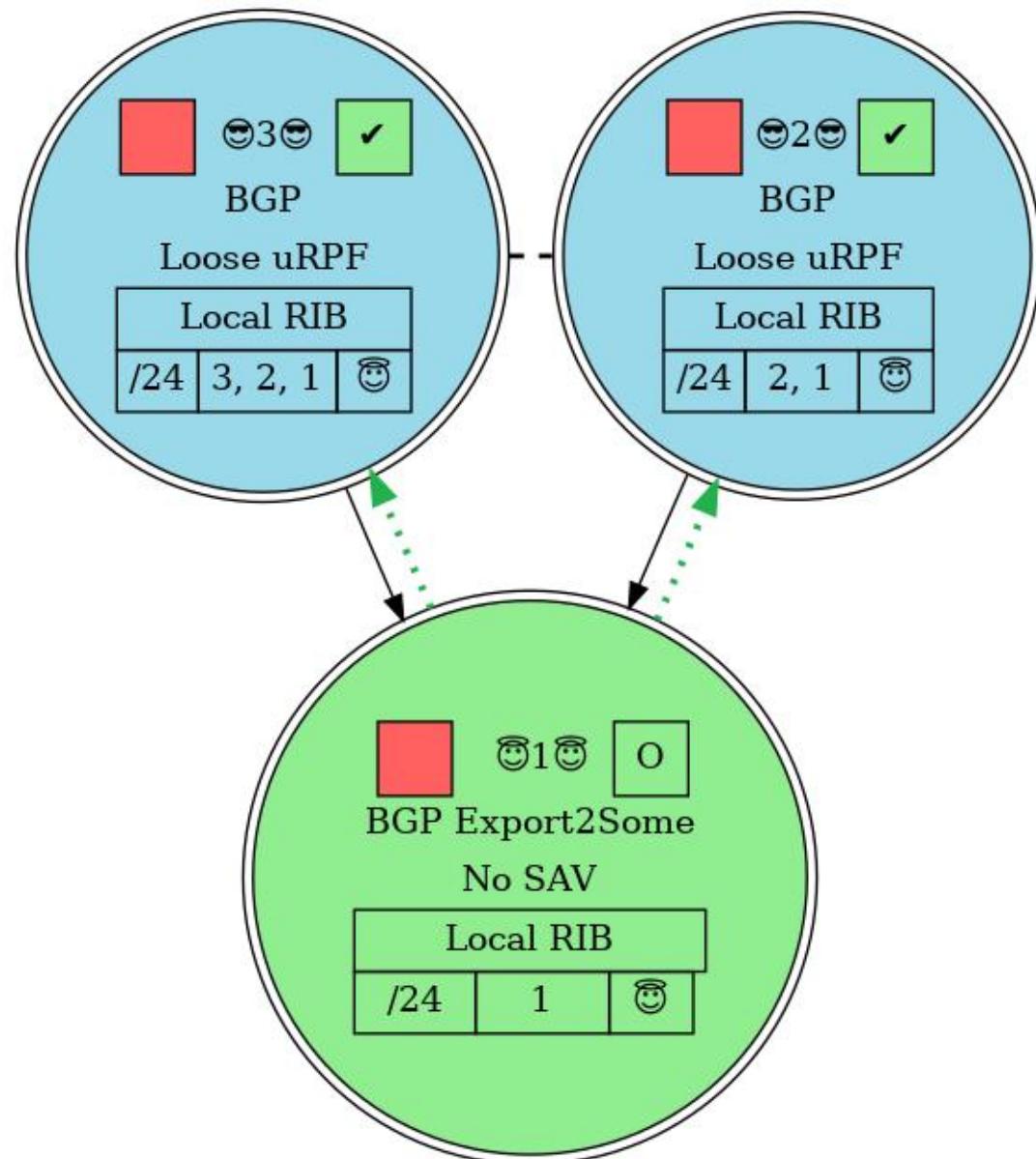
(config_011)

(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	2
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

(Victim Outcomes)



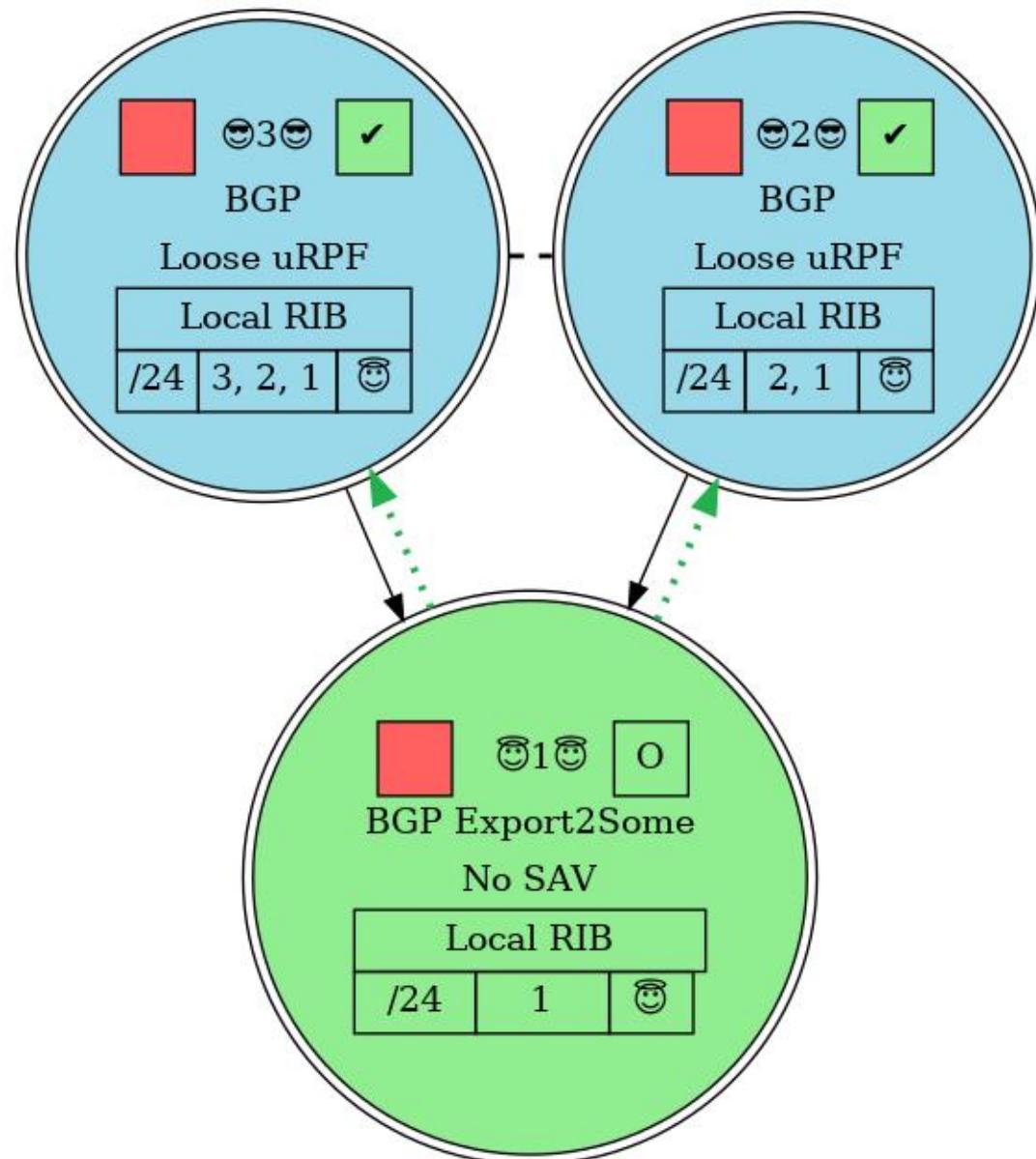
(config_012 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)

		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	2
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

(config_012)

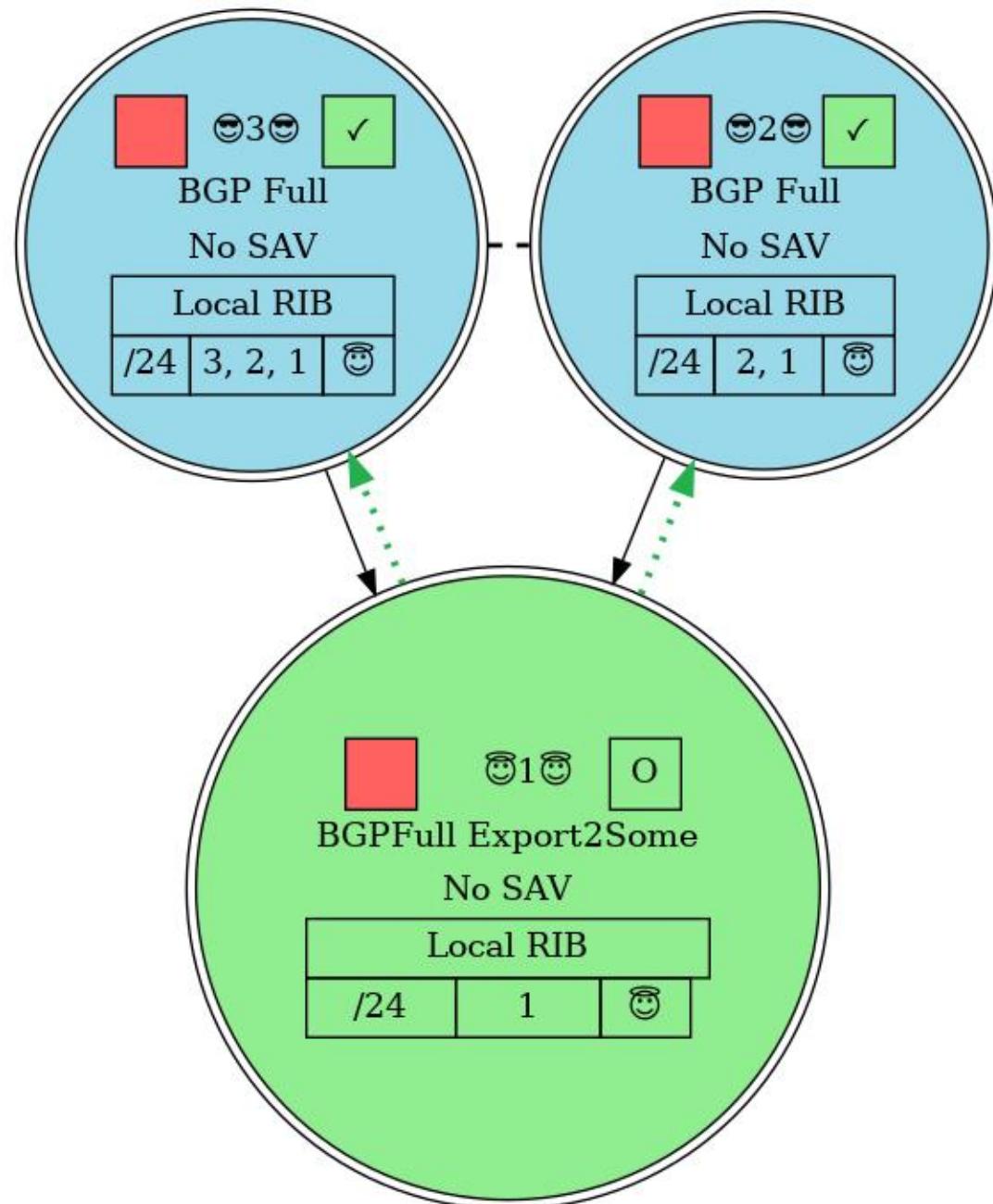


(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	0
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

(Victim Outcomes)

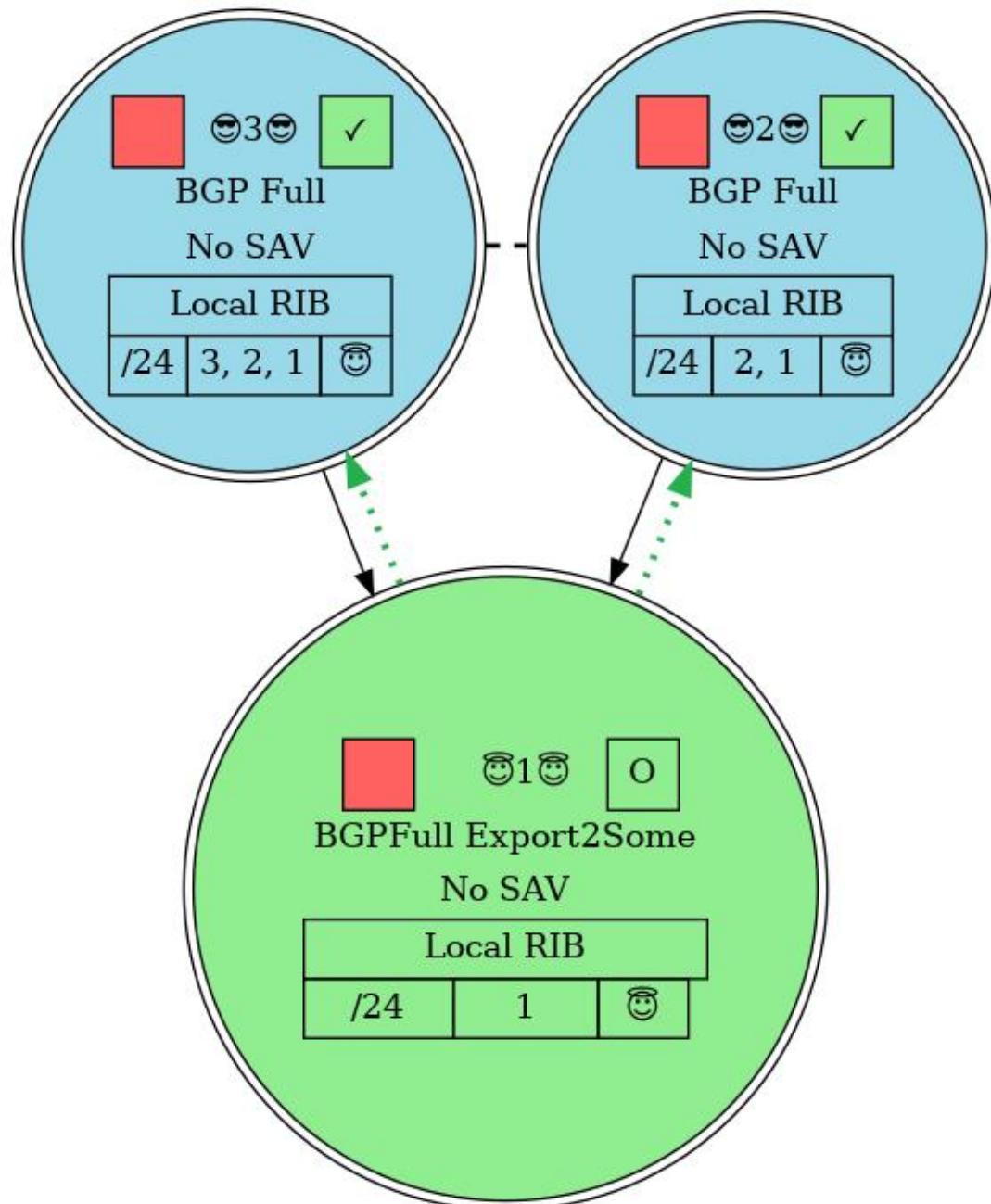


(config_013 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)

(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	0
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



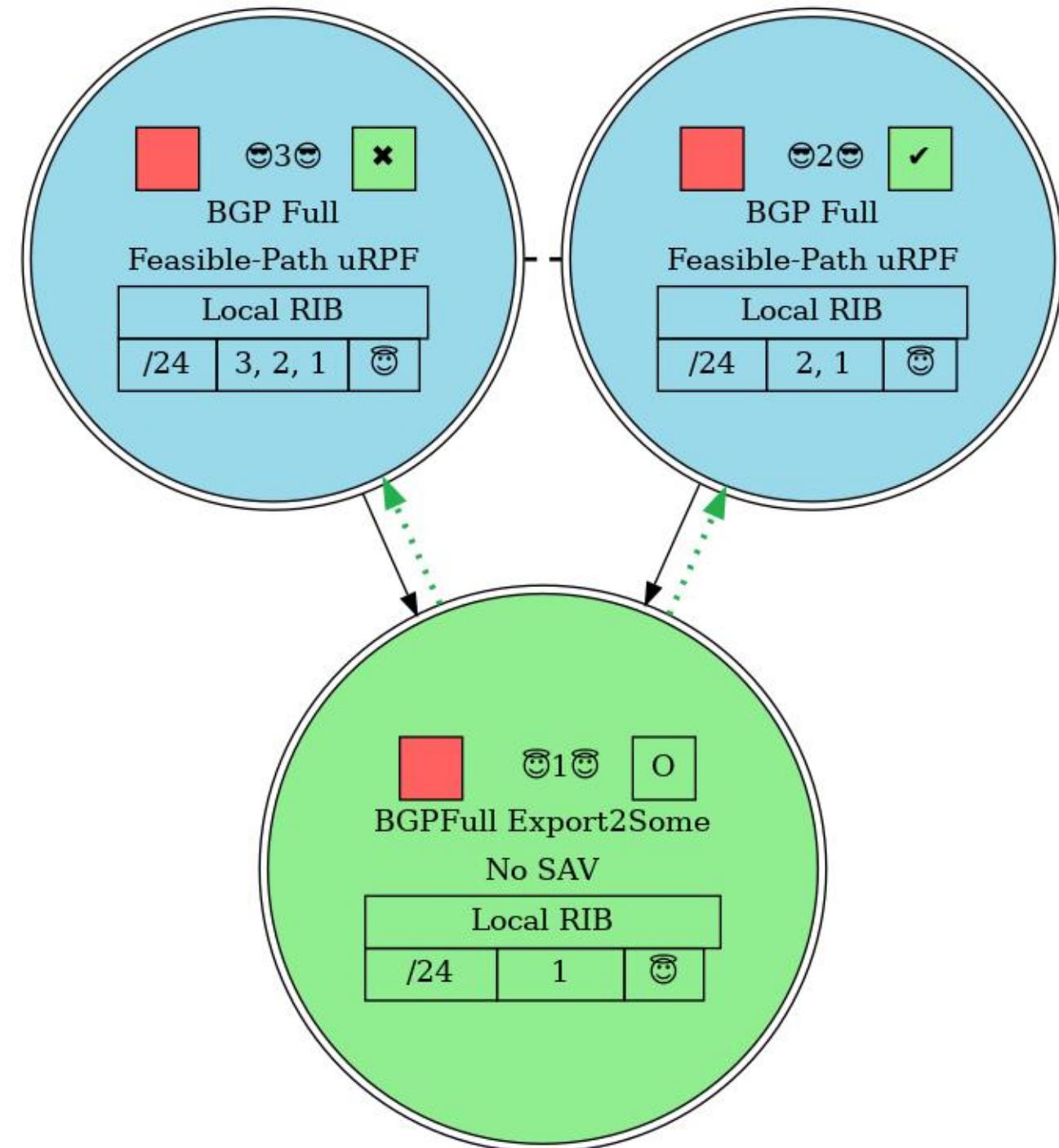
(config_013)

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	1
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



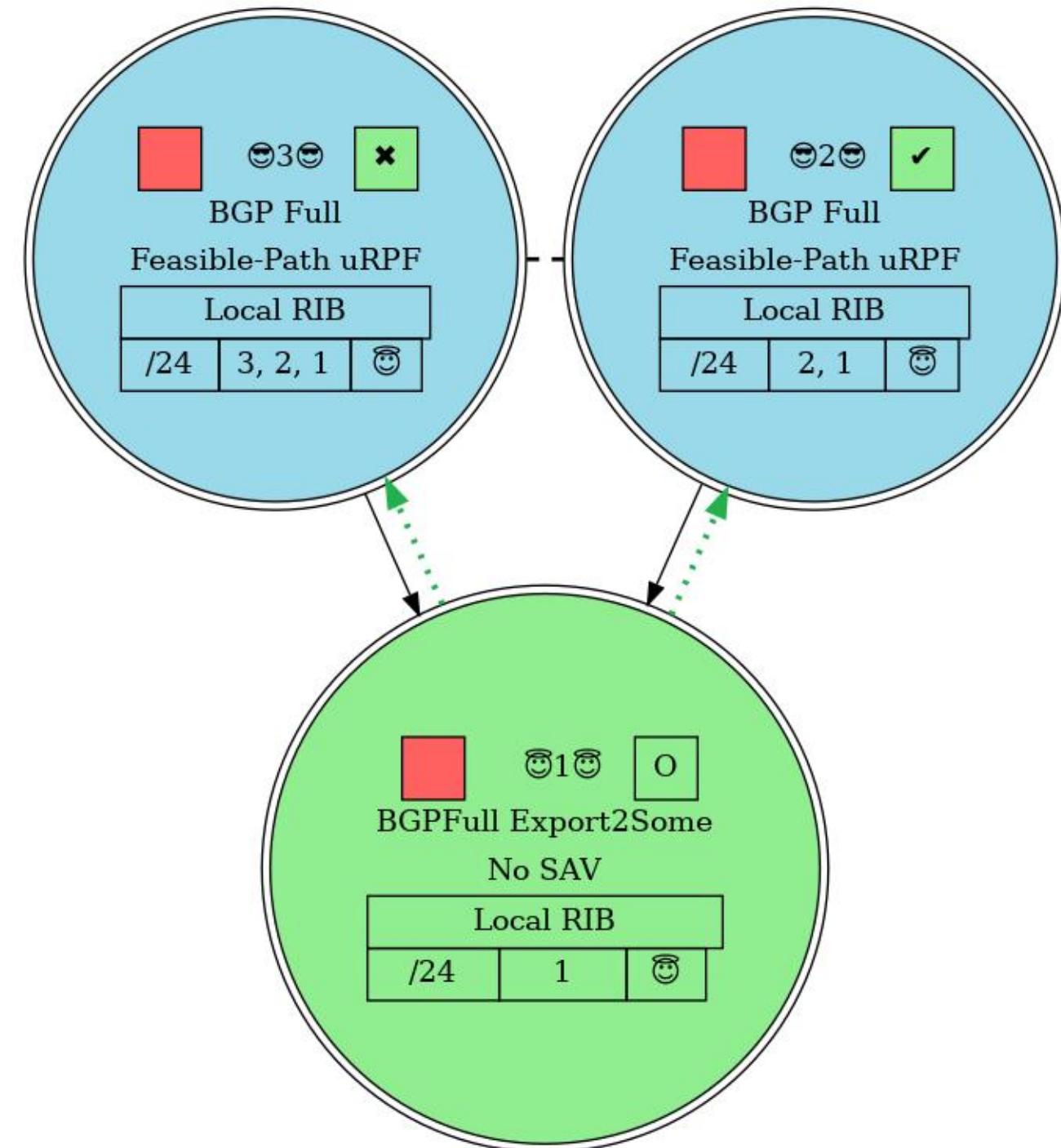
(config_014 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	1
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



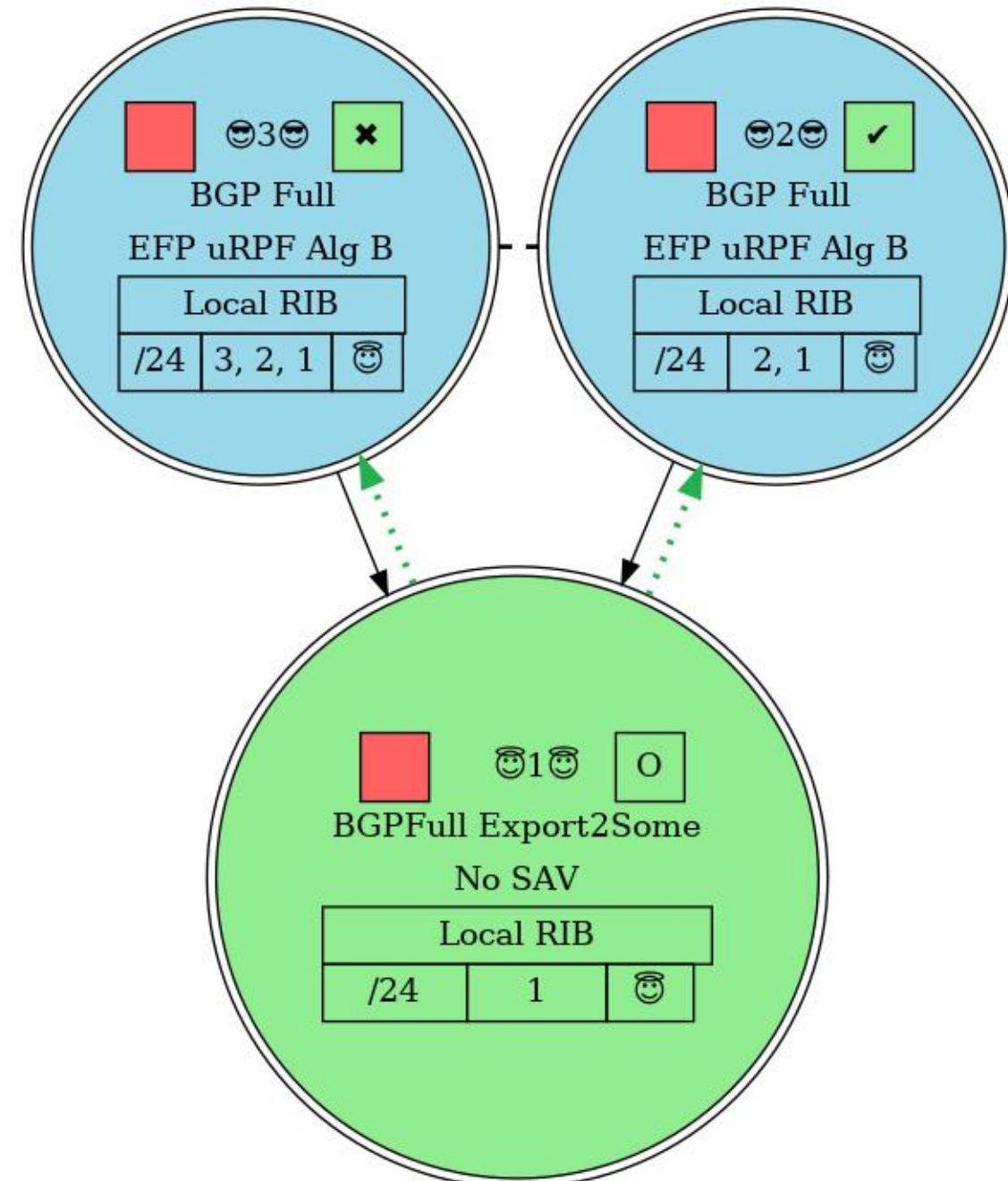
(config_014)

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	1
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



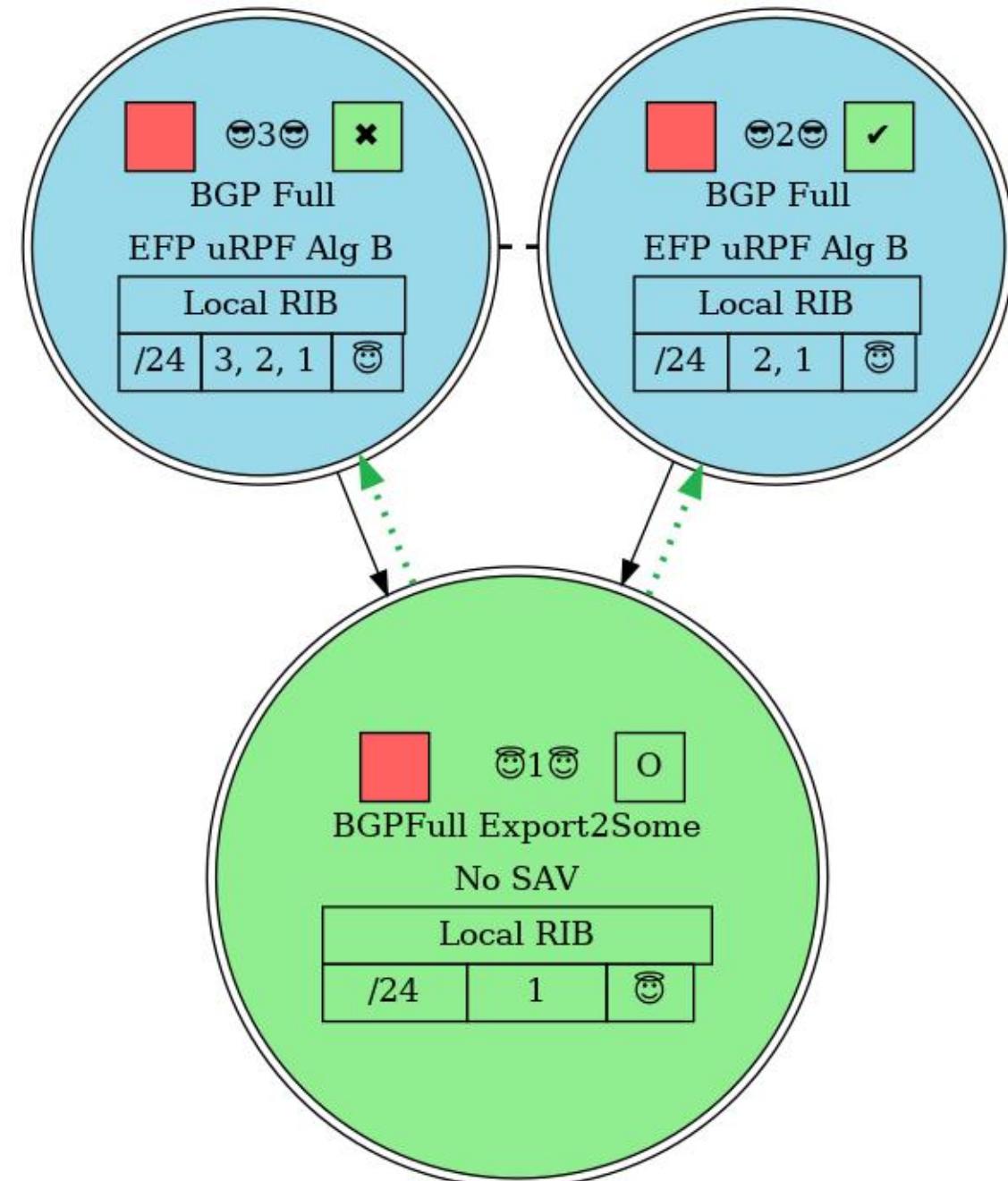
(config_015 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

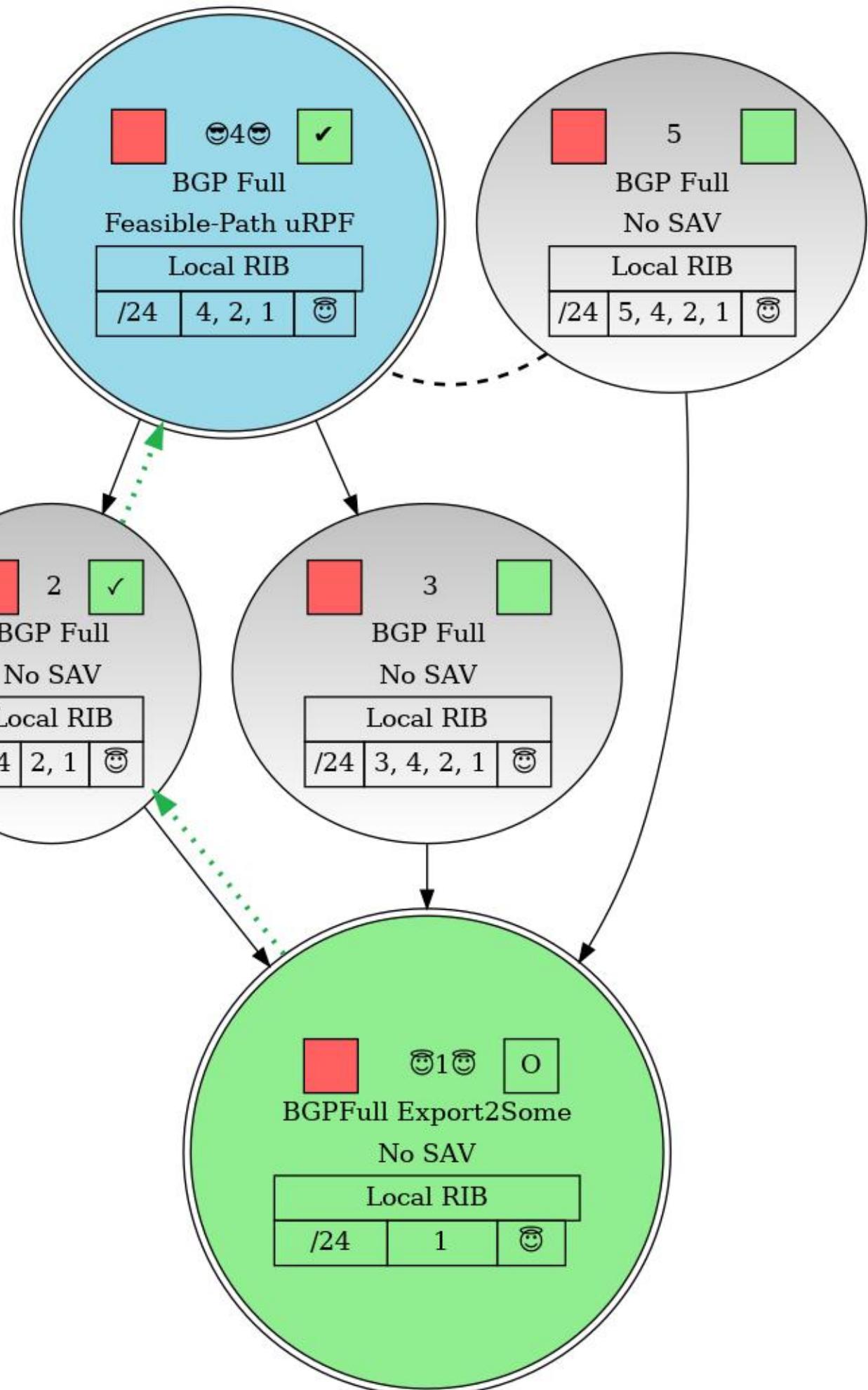
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	1
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_015)

(Data Plane Outcomes)

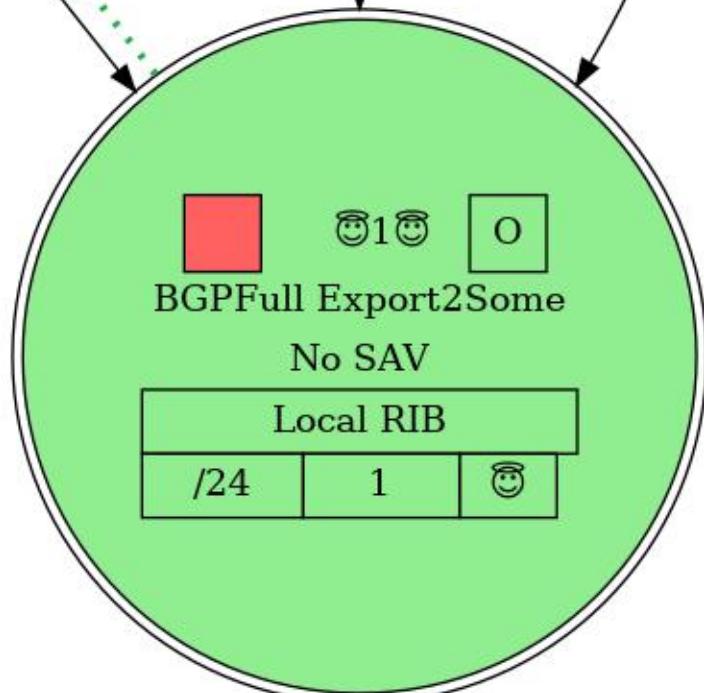
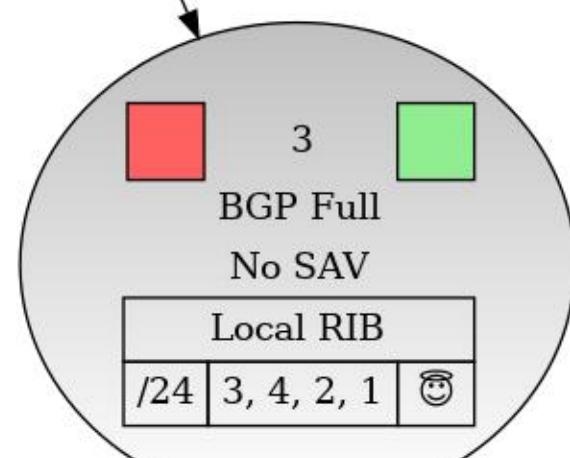
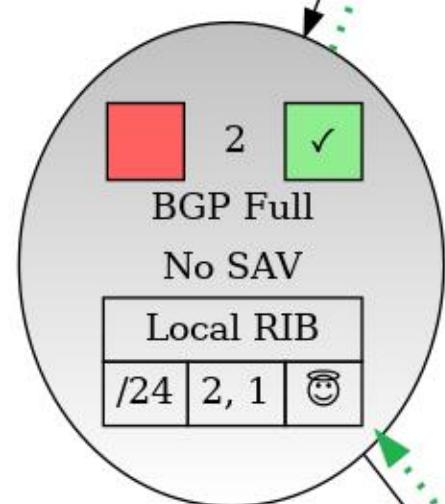
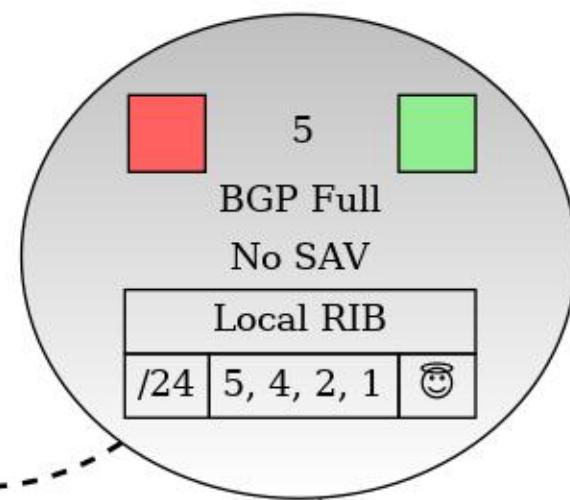
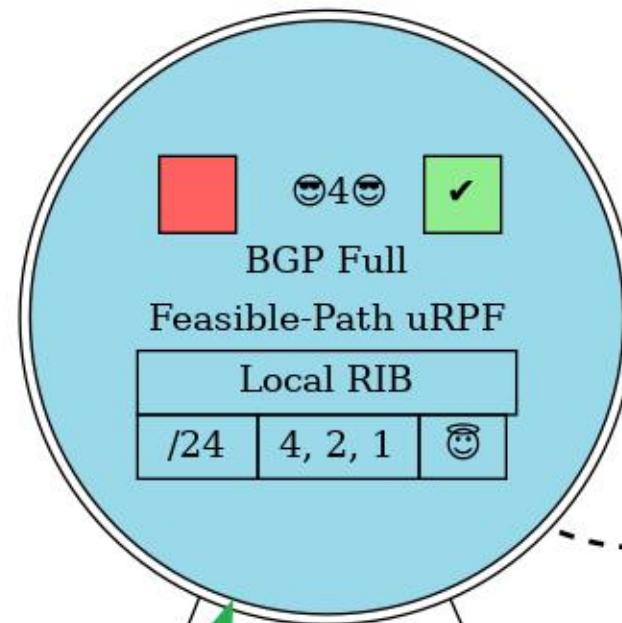
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_016 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

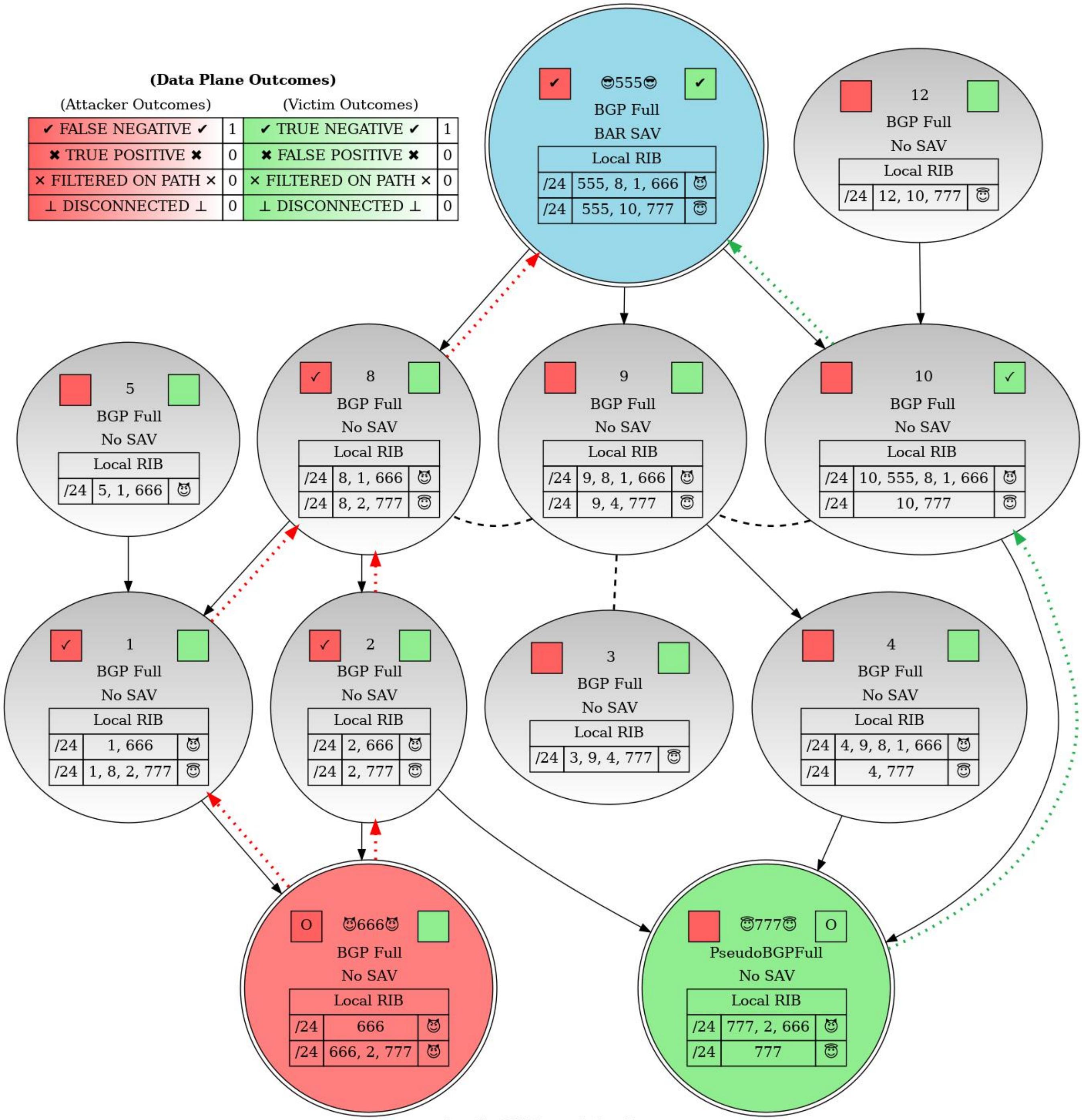


(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



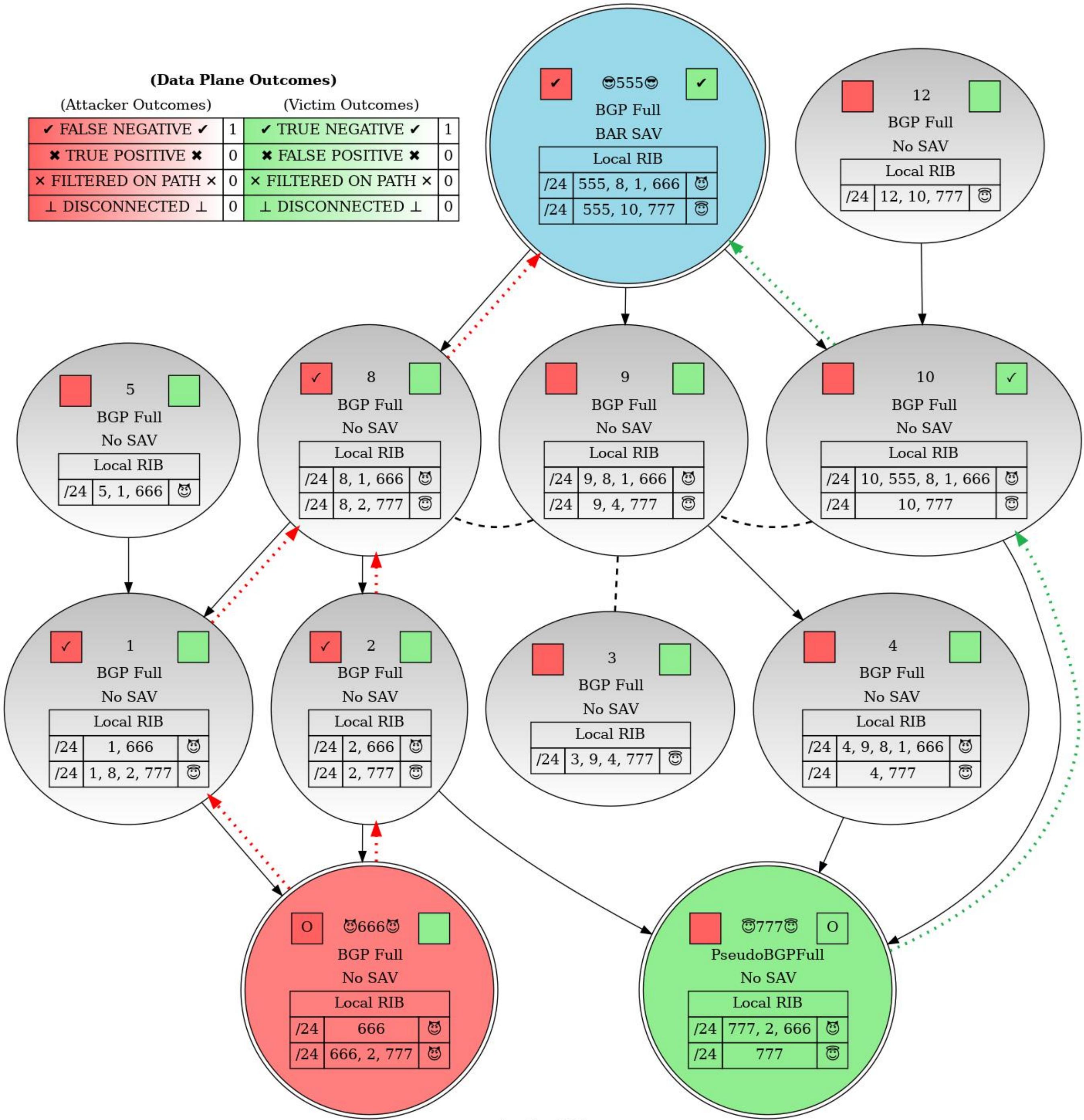
(config_017 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



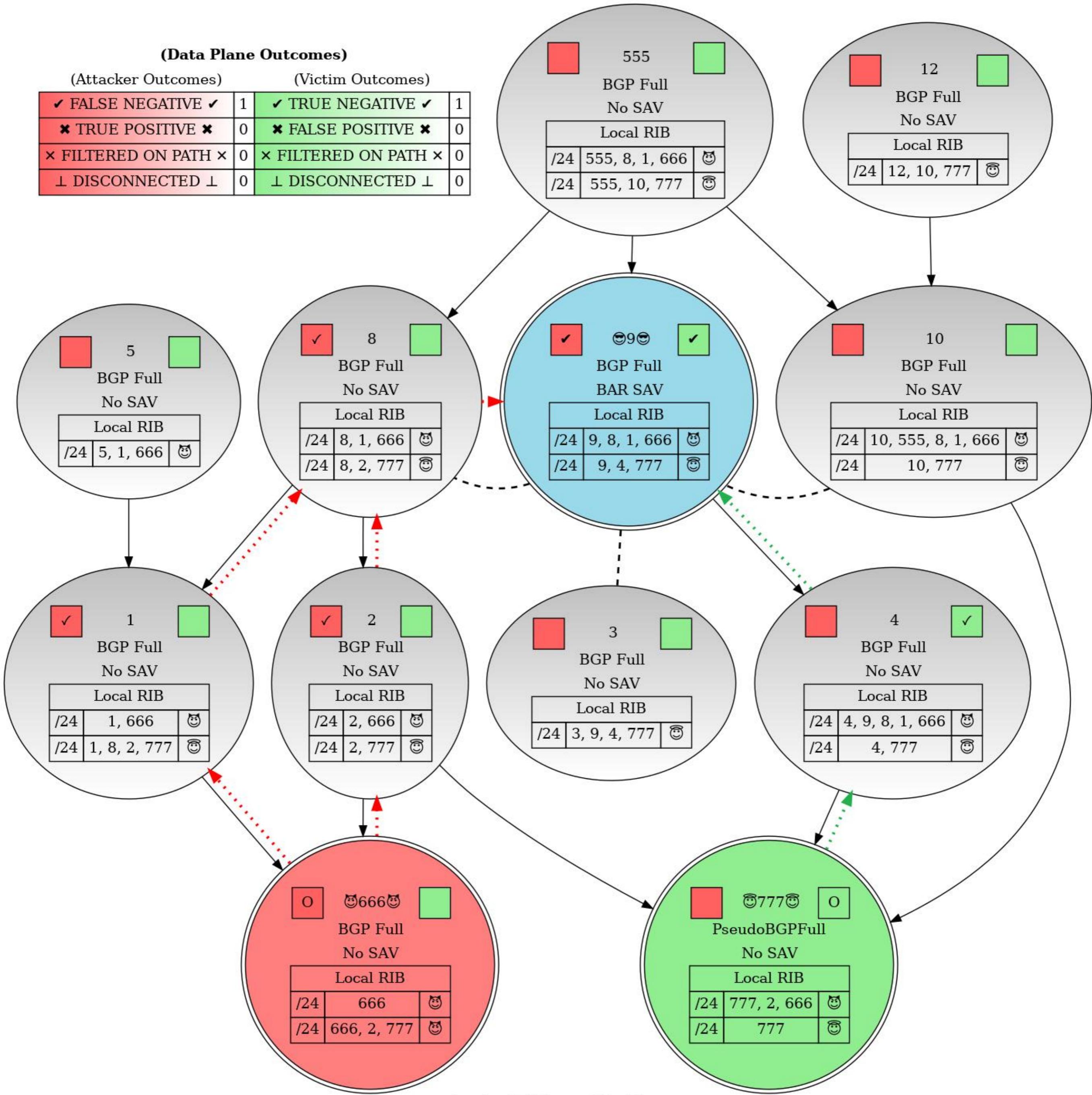
(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0

(Victim Outcomes)

✓ TRUE NEGATIVE ✓	1
✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0



(config_018 Ground Truth)

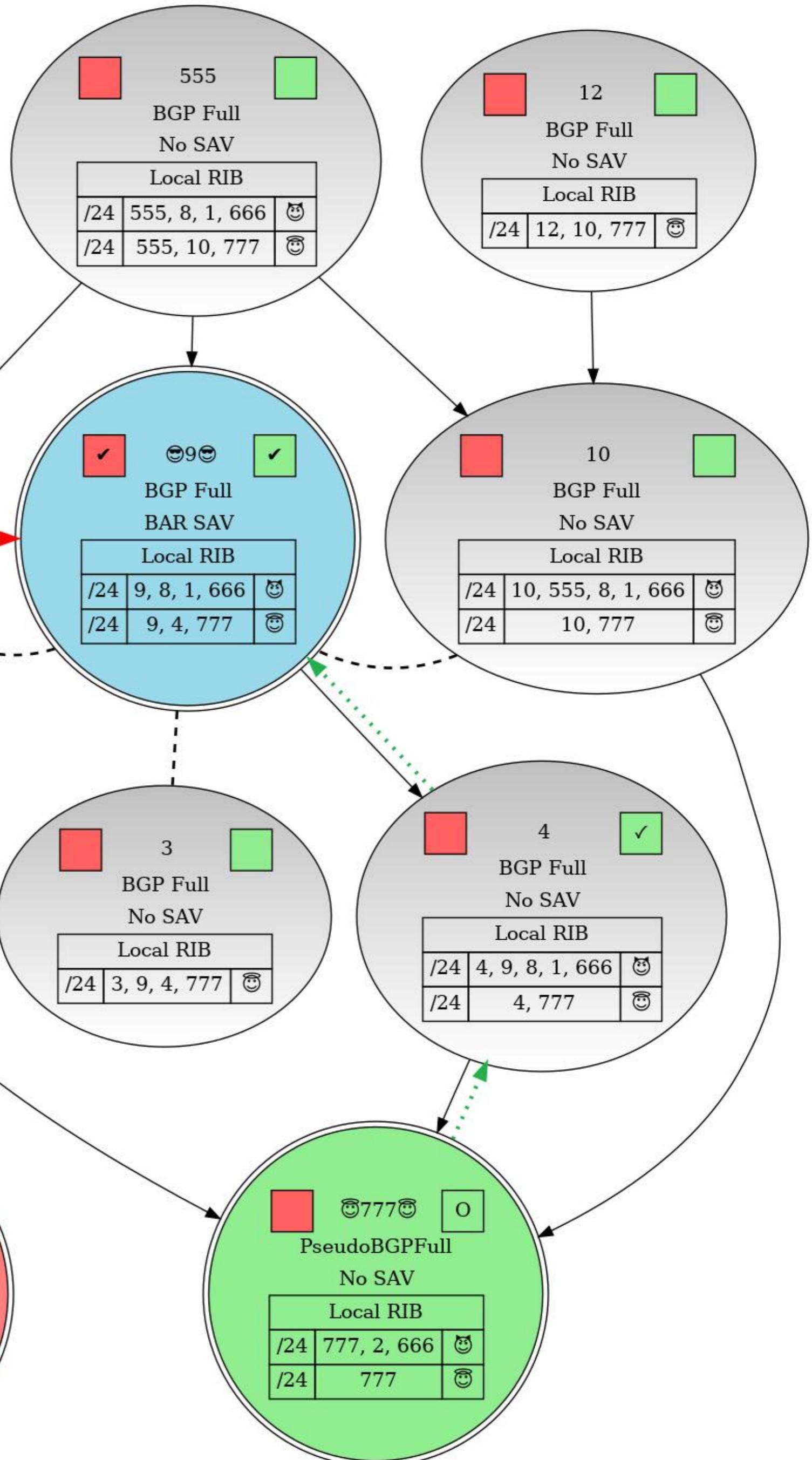
(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0

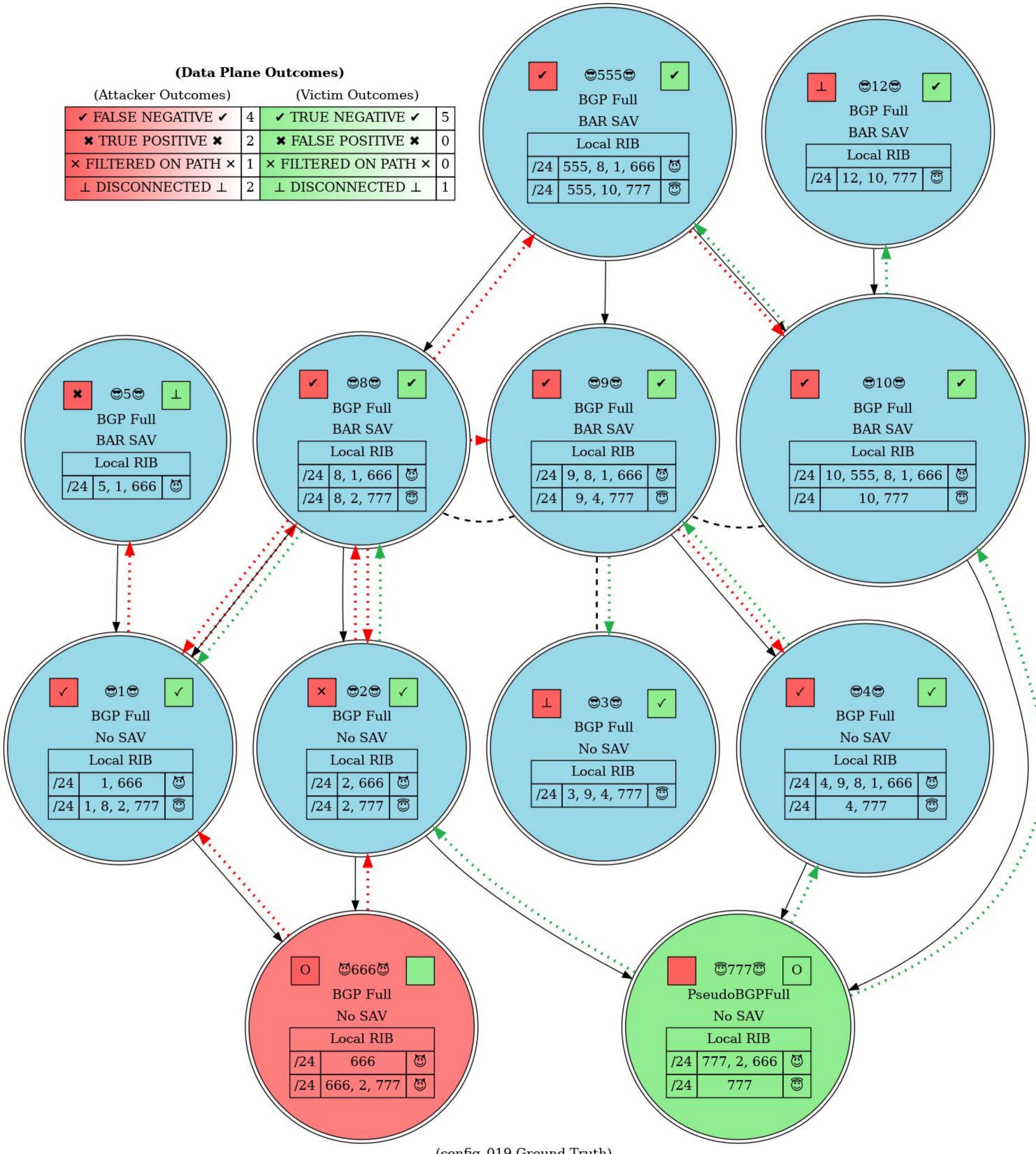
(Victim Outcomes)

✓ TRUE NEGATIVE ✓	1
✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0



(Data Plane Outcomes)

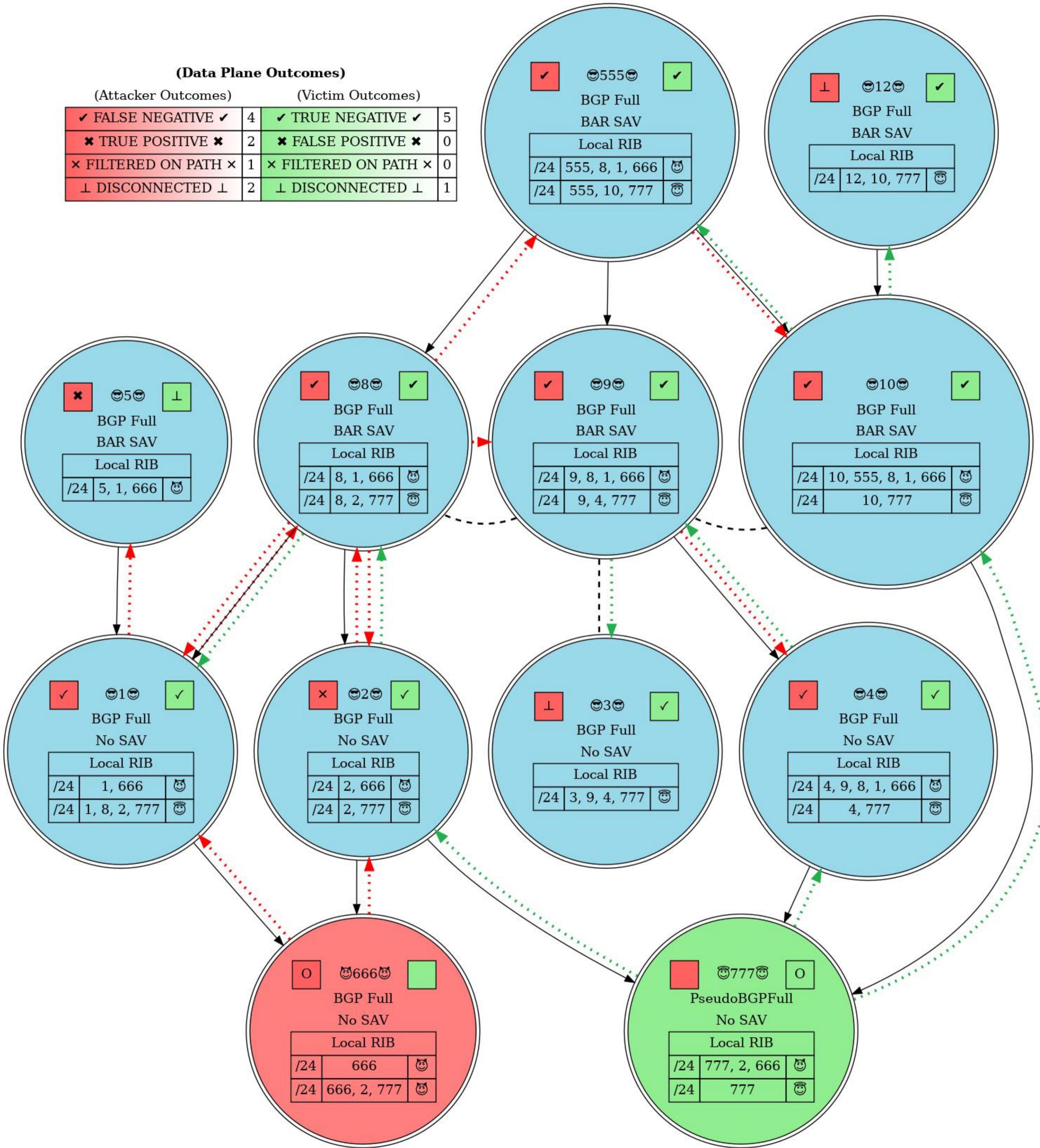
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	4	✓ TRUE NEGATIVE ✓	5
✗ TRUE POSITIVE ✗	2	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	1	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	2	⊥ DISCONNECTED ⊥	1



(config_019 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	4	✓ TRUE NEGATIVE ✓	5
✗ TRUE POSITIVE ✗	2	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	1	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	2	⊥ DISCONNECTED ⊥	1

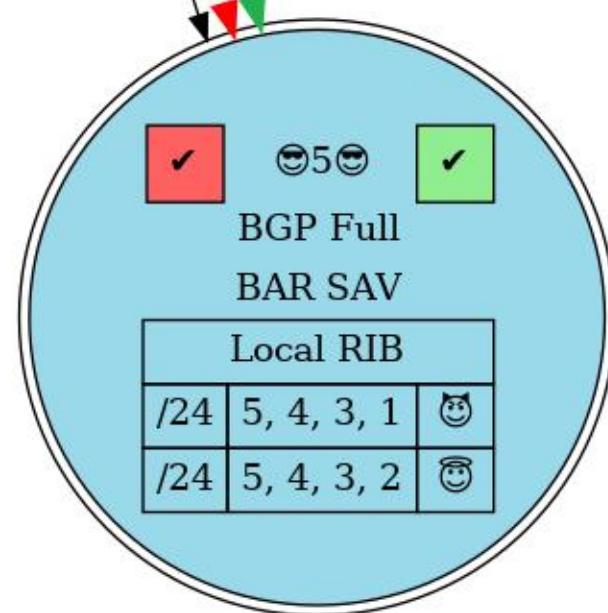
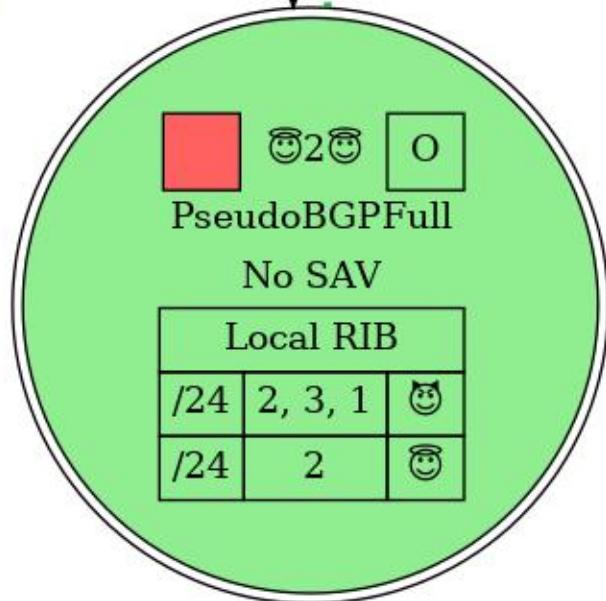
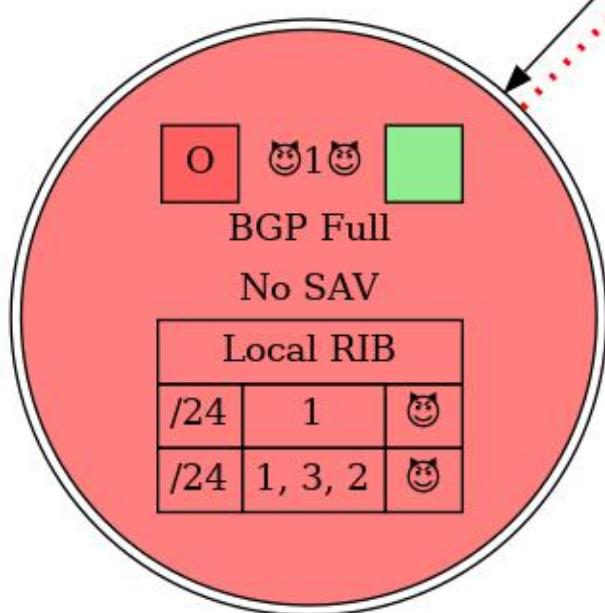
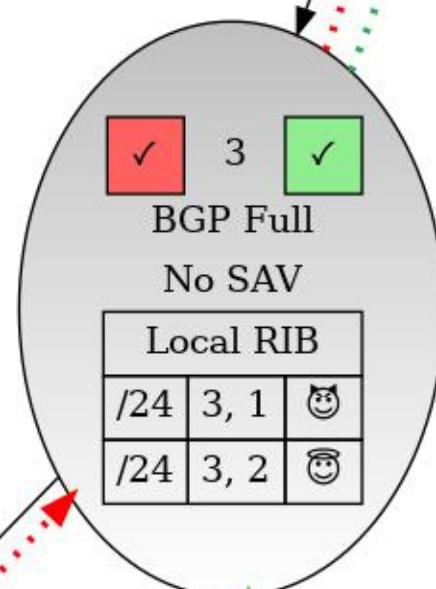
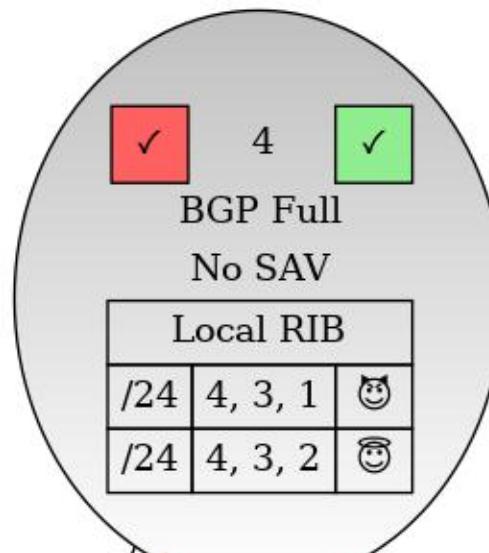


(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



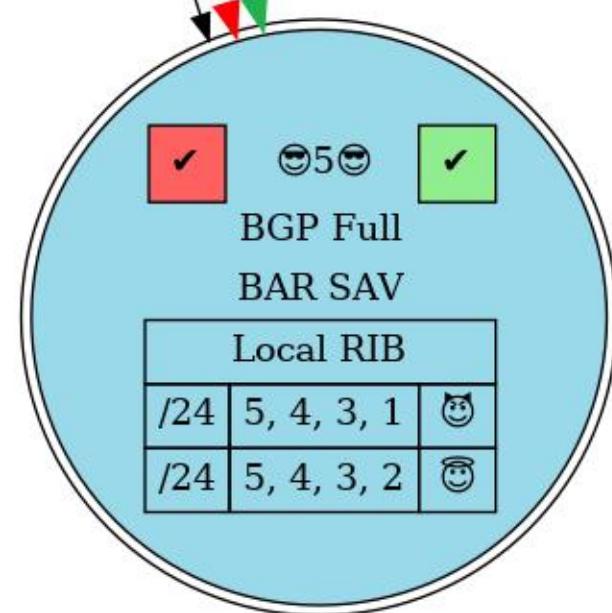
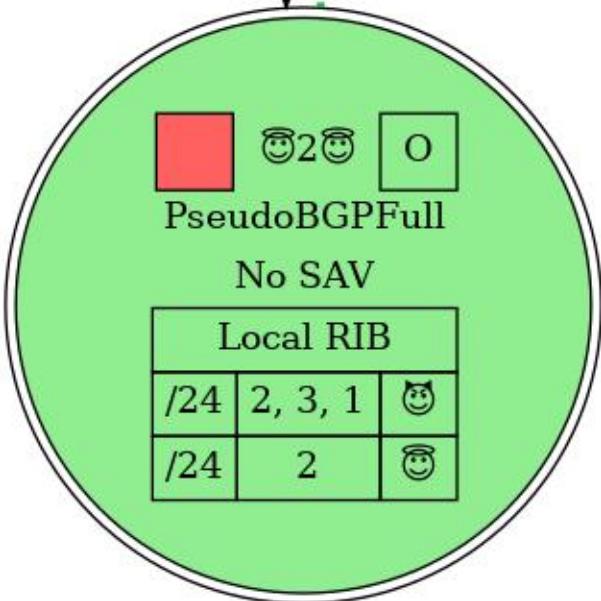
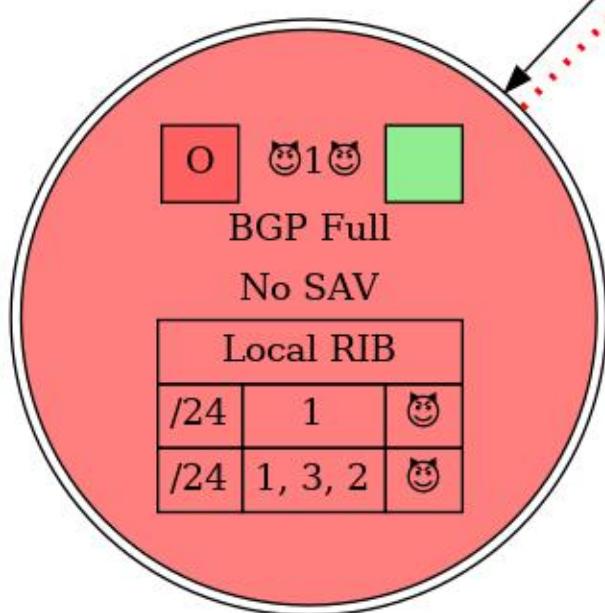
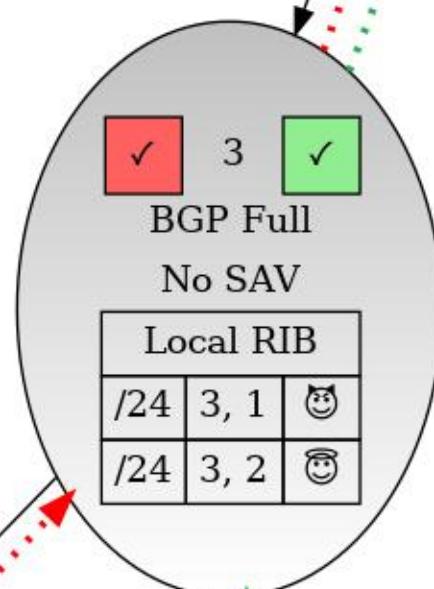
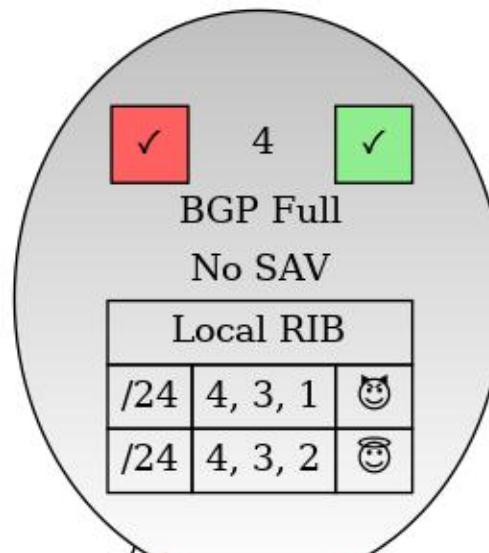
(config_020 Ground Truth)

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

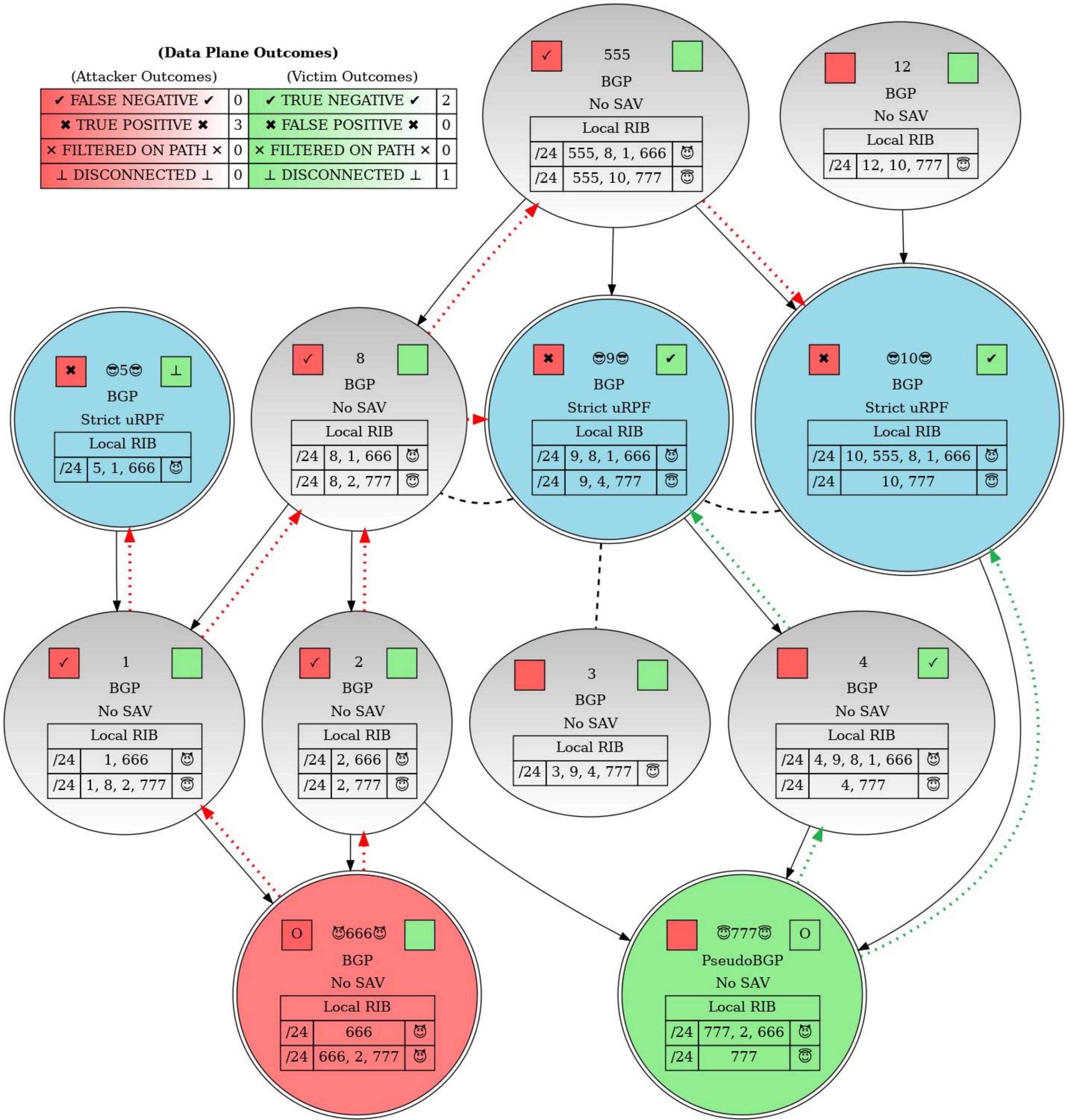
✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_020)

(Data Plane Outcomes)

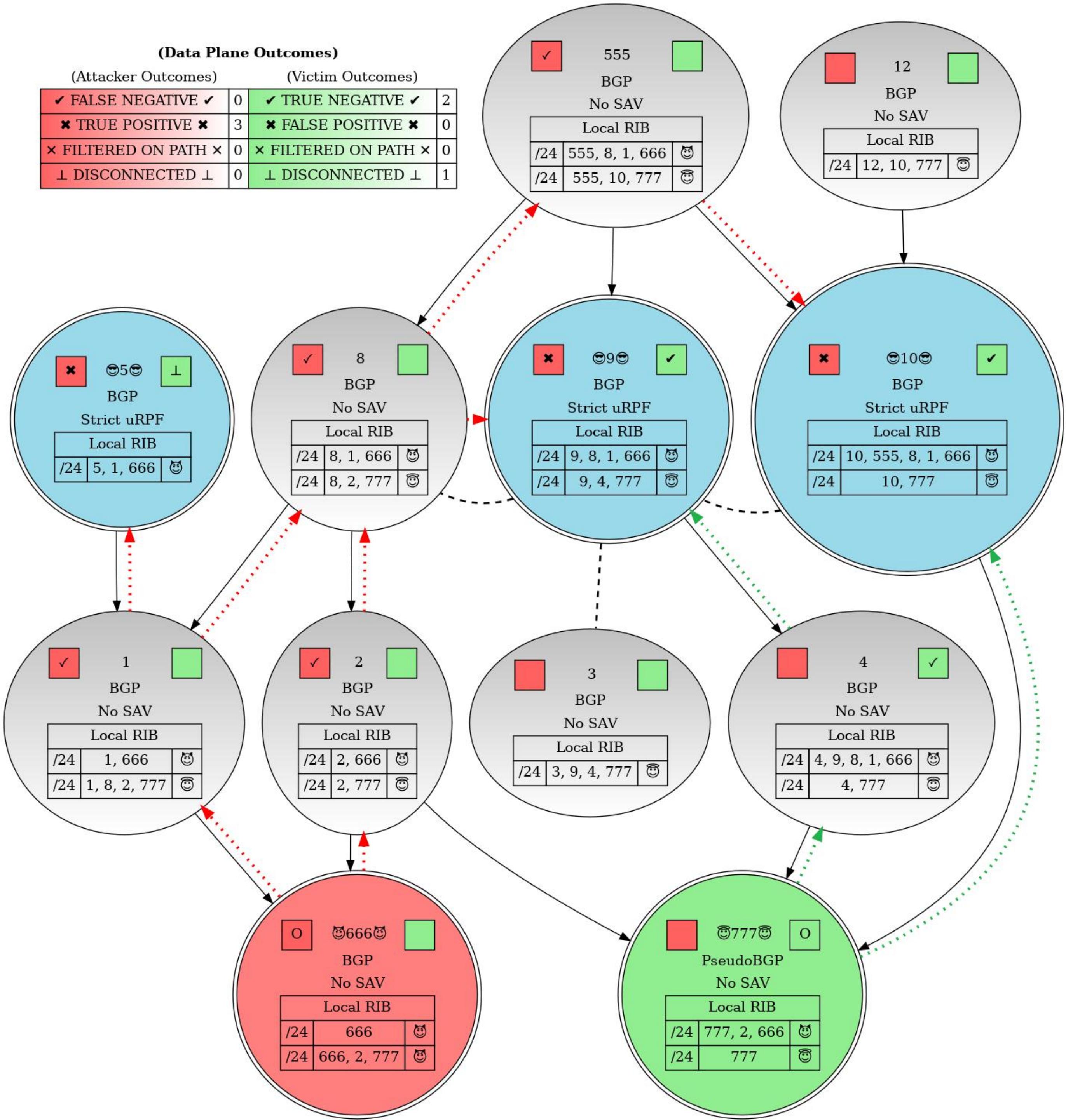
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	2
✗ TRUE POSITIVE ✗	3	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	1



(config_030 Ground Truth)
Single reflector running Strict uRPF

(Data Plane Outcomes)

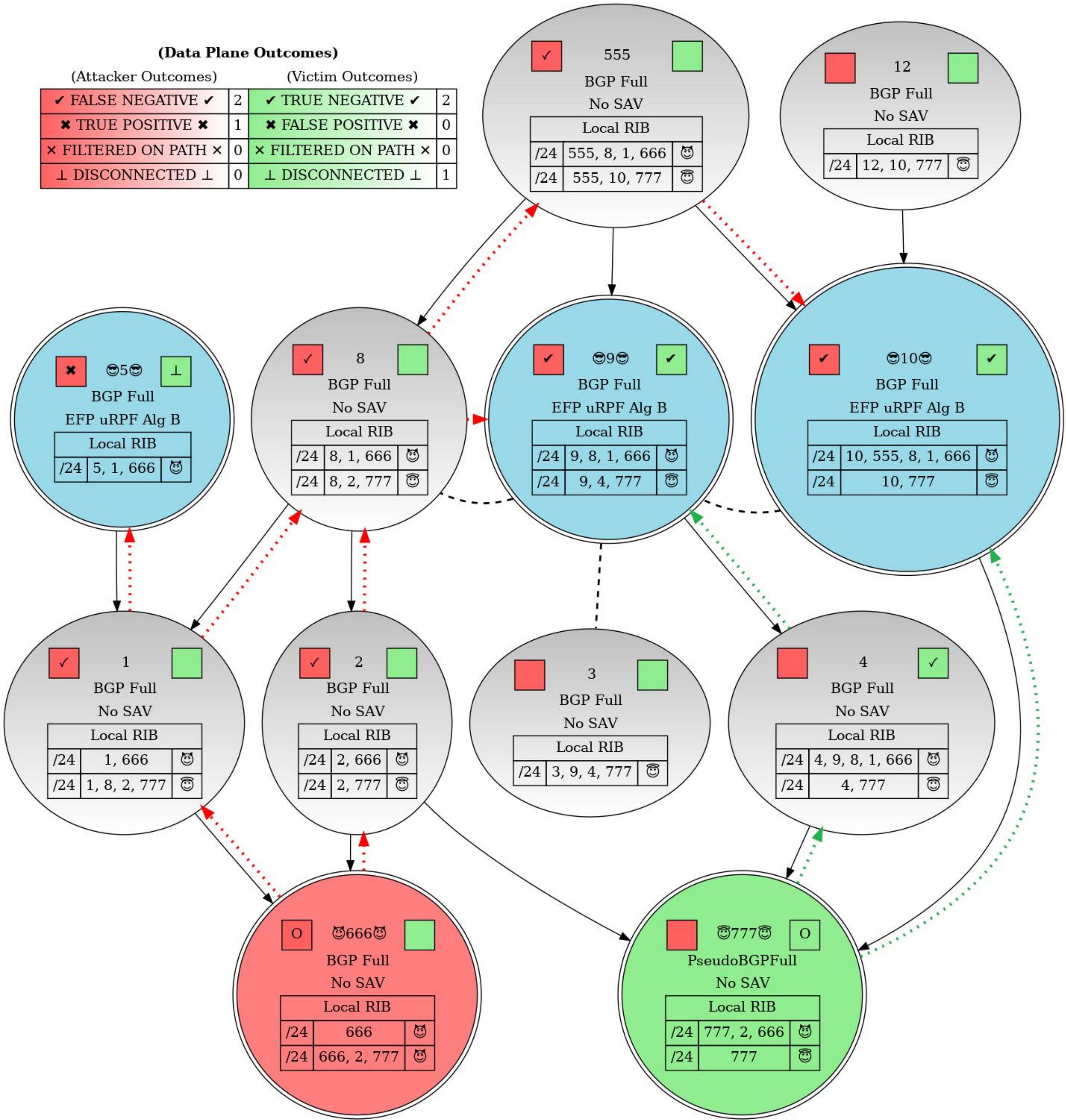
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	2
✗ TRUE POSITIVE ✗	3	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	1



(config_030)
Single reflector running Strict uRPF

(Data Plane Outcomes)

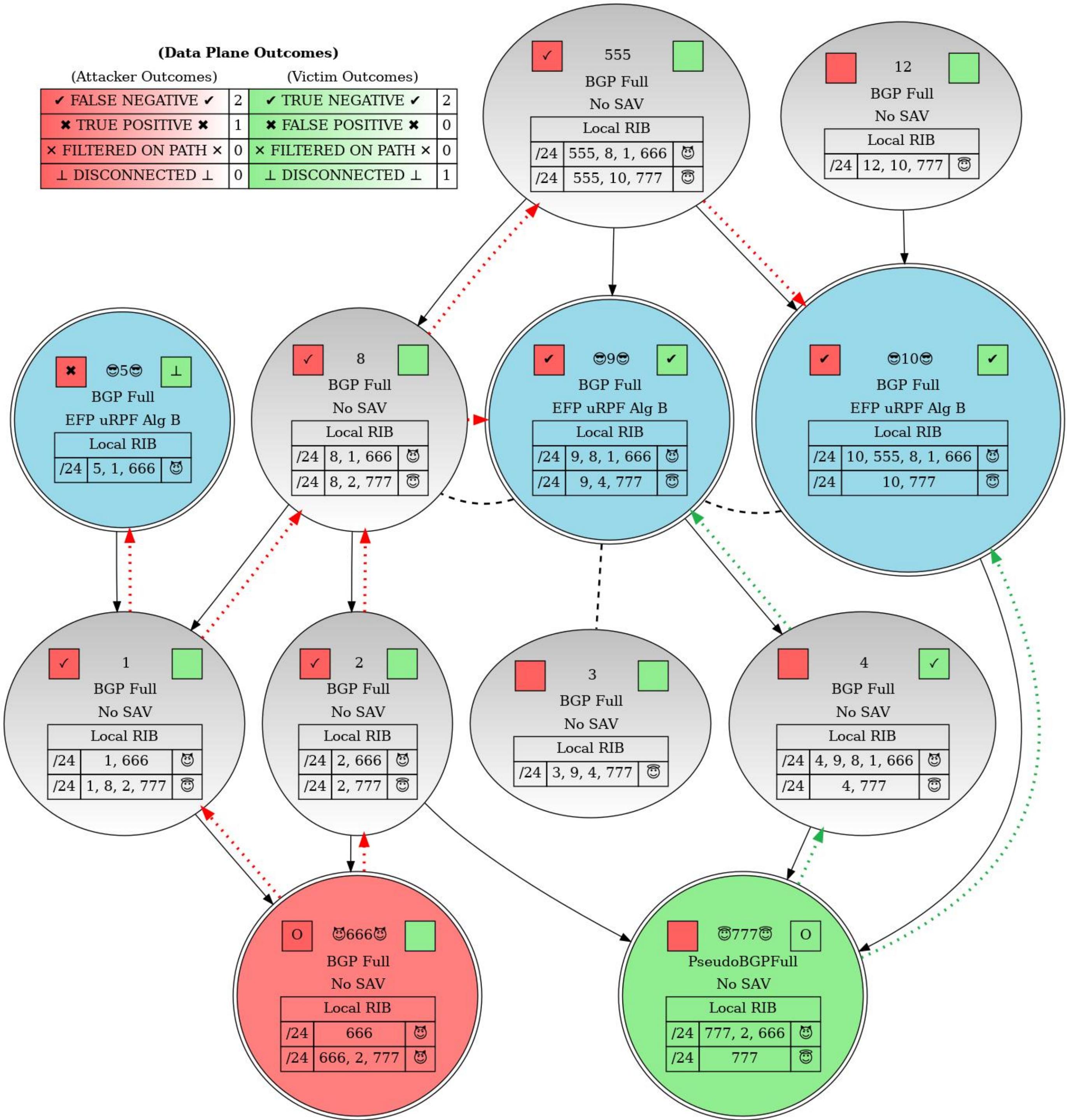
(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	2	✓ TRUE NEGATIVE ✓	2
✗ TRUE POSITIVE ✗	1	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	1



(config_031 Ground Truth)
Multiple Reflectors w Applied Interfaces

(Data Plane Outcomes)

(Attacker Outcomes)		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	2	✓ TRUE NEGATIVE ✓	2
✗ TRUE POSITIVE ✗	1	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	1



(config_031)
Multiple Reflectors w Applied Interfaces

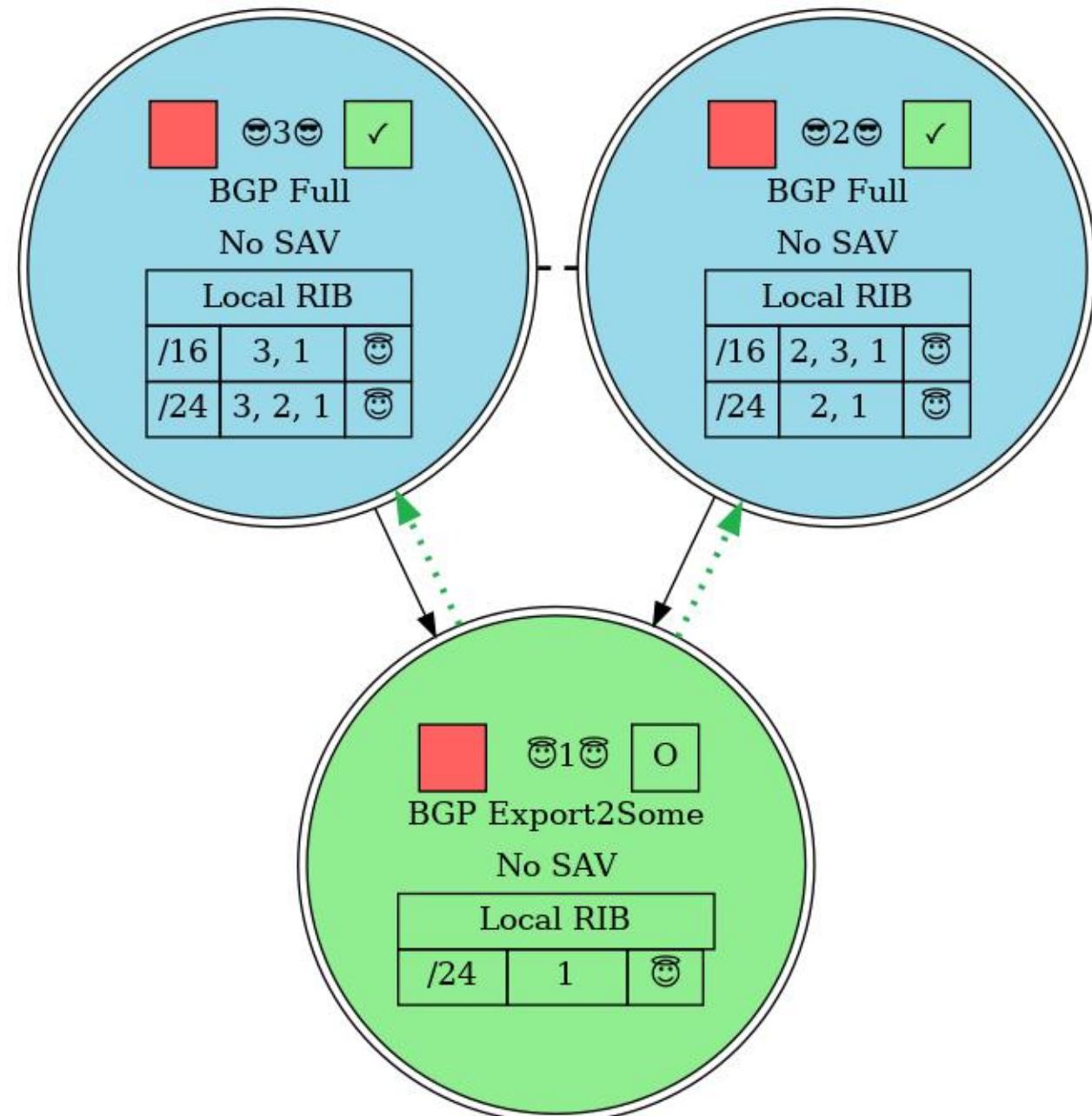
(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	0
✗ TRUE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0

(Victim Outcomes)

✓ TRUE NEGATIVE ✓	0
✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0



(config_032 Ground Truth)
Export2some w Replacement

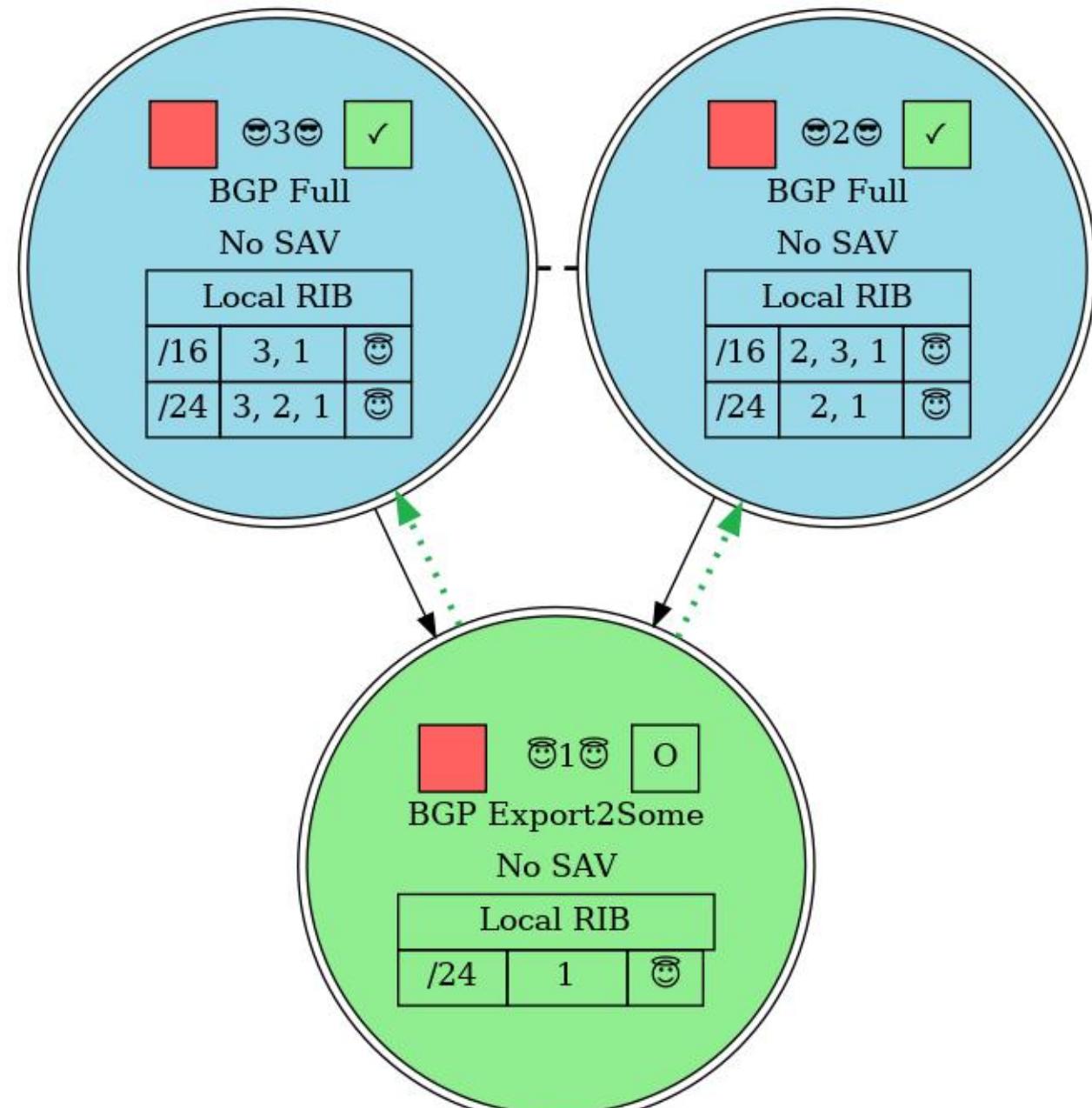
(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	0
✗ TRUE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0

(Victim Outcomes)

✓ TRUE NEGATIVE ✓	0
✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0



(config_032)
Export2some w Replacement

(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓ 0

* TRUE POSITIVE * 0

✗ FILTERED ON PATH ✗ 0

⊥ DISCONNECTED ⊥ 0

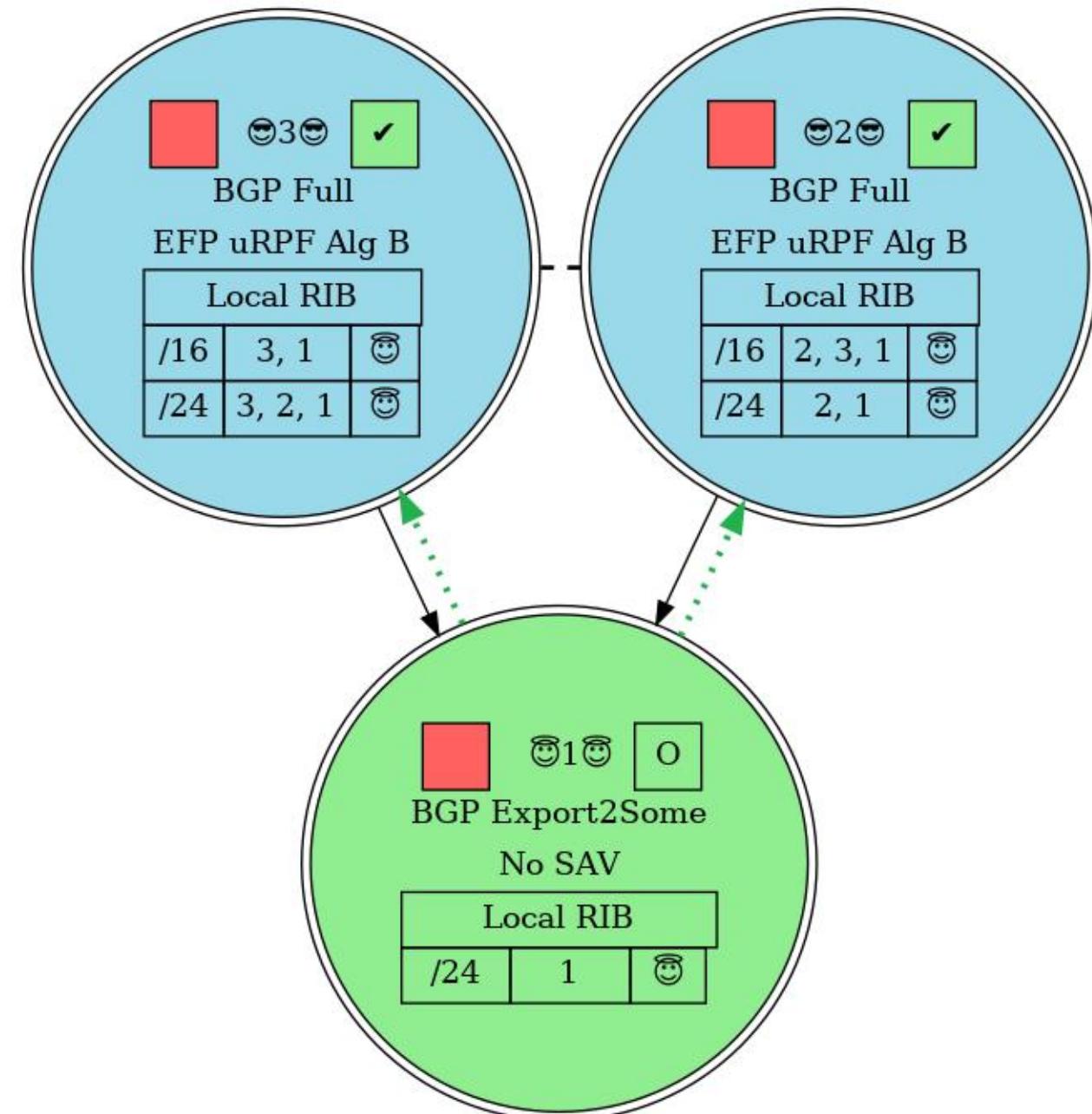
(Victim Outcomes)

✓ TRUE NEGATIVE ✓ 2

* FALSE POSITIVE * 0

✗ FILTERED ON PATH ✗ 0

⊥ DISCONNECTED ⊥ 0



(config_033 Ground Truth)
EFP uRPF Alg B, Export2some w Replacement

(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓ 0

* TRUE POSITIVE * 0

✗ FILTERED ON PATH ✗ 0

⊥ DISCONNECTED ⊥ 0

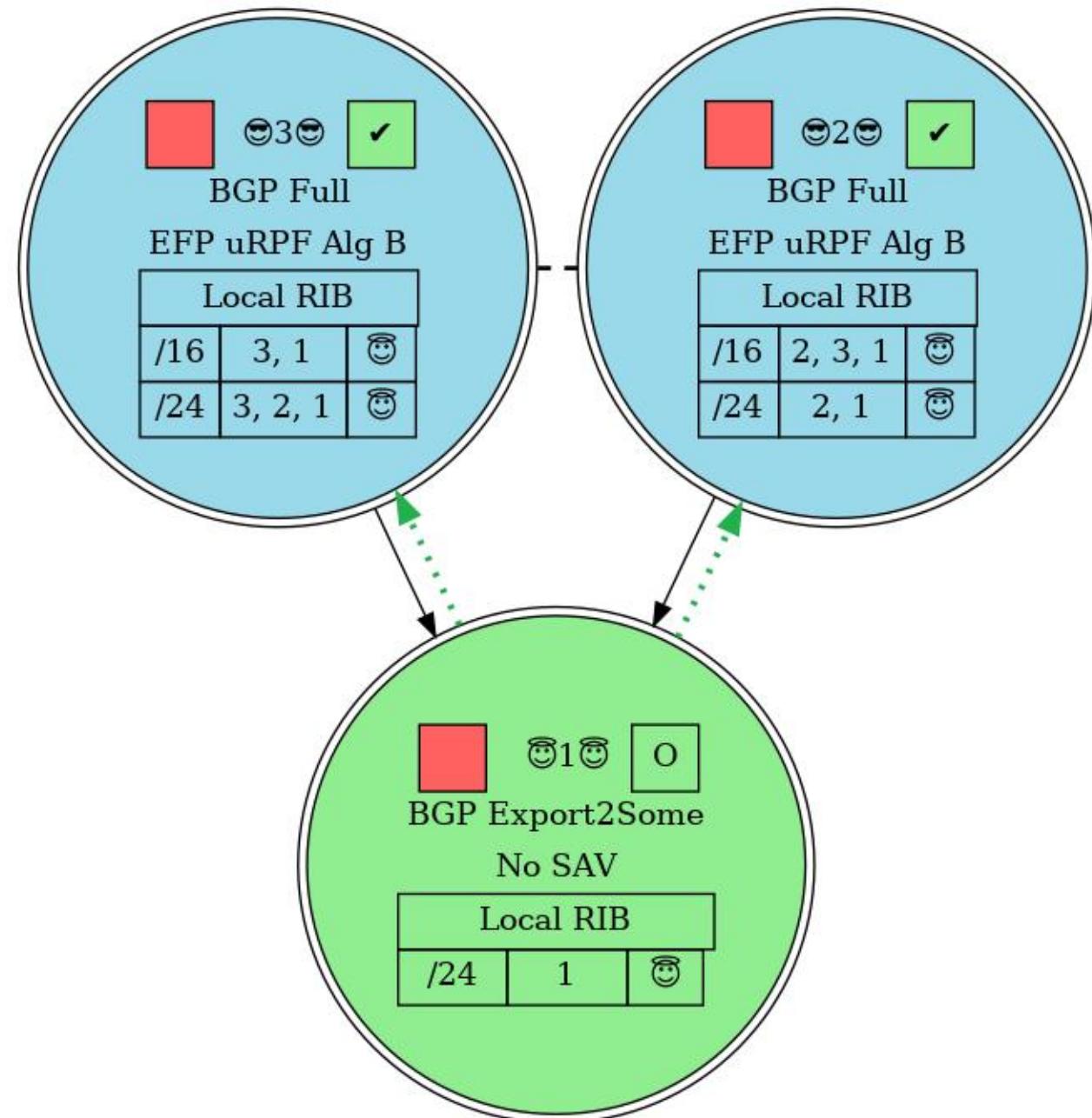
(Victim Outcomes)

✓ TRUE NEGATIVE ✓ 2

* FALSE POSITIVE * 0

✗ FILTERED ON PATH ✗ 0

⊥ DISCONNECTED ⊥ 0

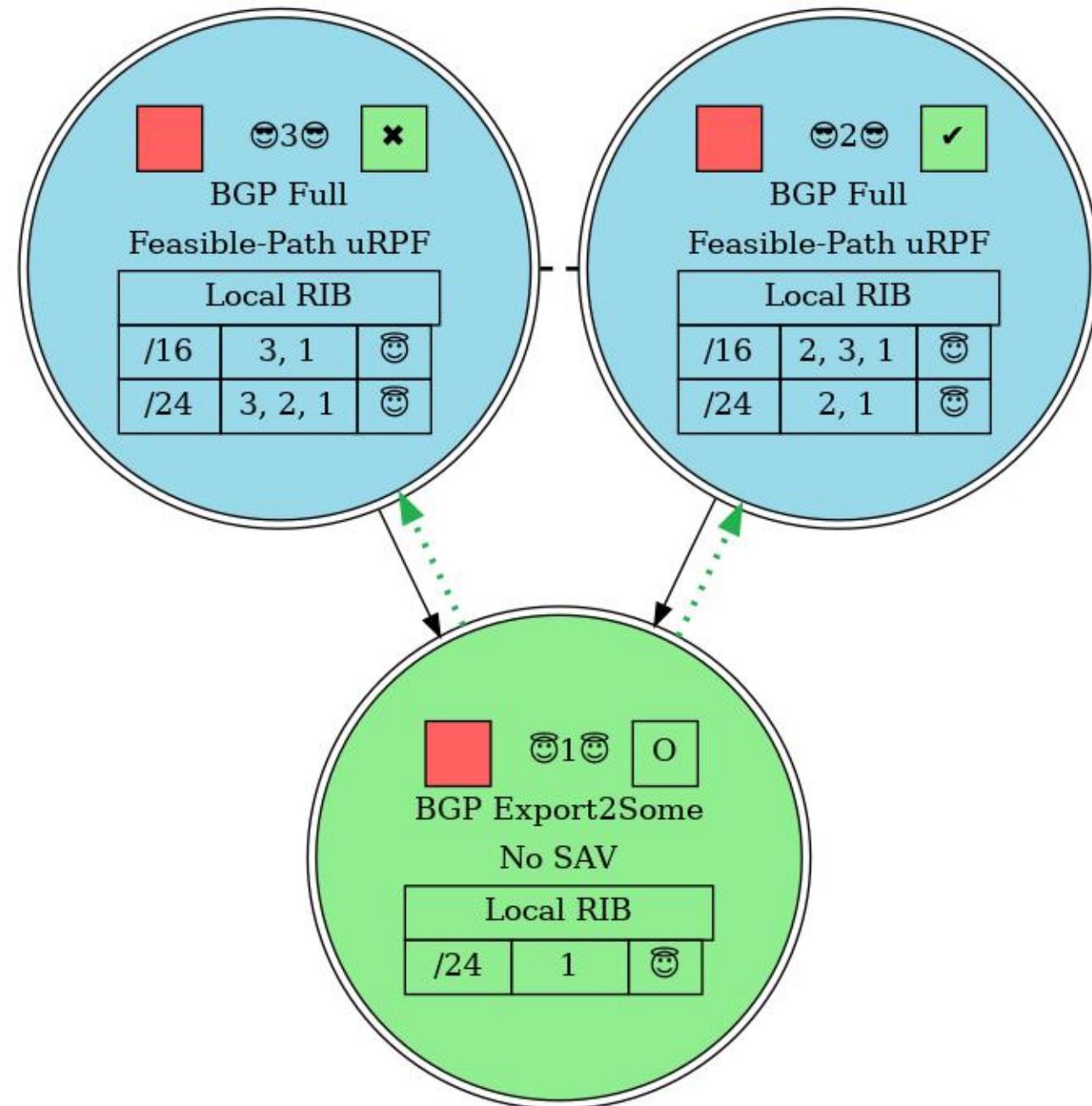


(config_033)
EFP uRPF Alg B, Export2some w Replacement

(Data Plane Outcomes)

(Attacker Outcomes)

		(Victim Outcomes)	
✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	1
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

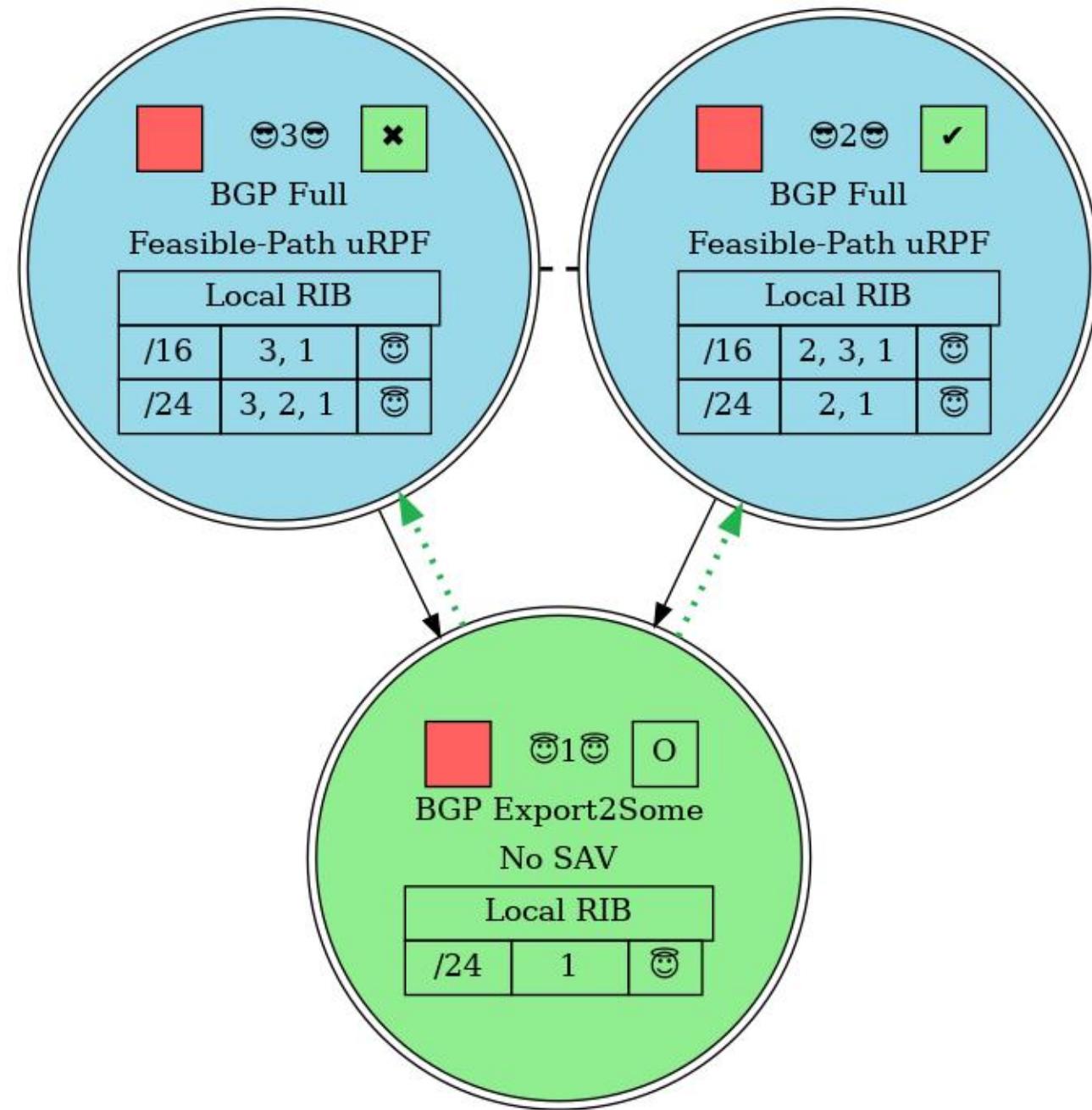
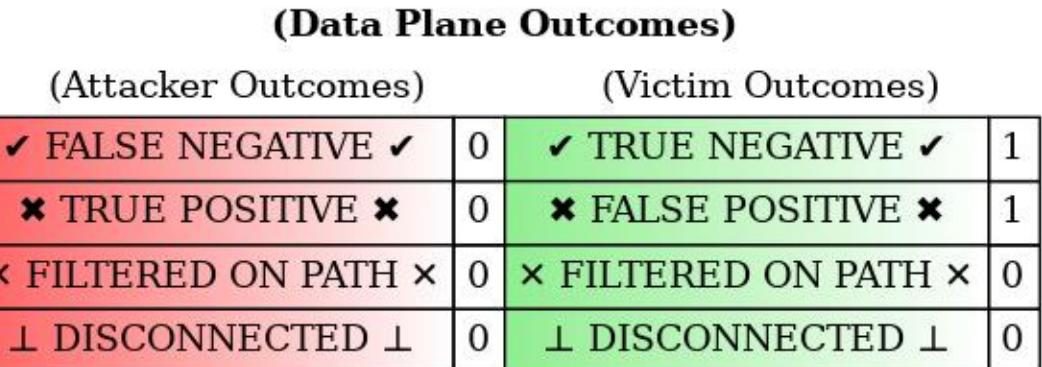


(config_034 Ground Truth)
Feasible Path uRPF, Export2some w Replacement

(Data Plane Outcomes)

(Attacker Outcomes)

	(Victim Outcomes)
✓ FALSE NEGATIVE ✓	0 ✓ TRUE NEGATIVE ✓ 1
✗ TRUE POSITIVE ✗	0 ✗ FALSE POSITIVE ✗ 1
✗ FILTERED ON PATH ✗	0 ✗ FILTERED ON PATH ✗ 0
⊥ DISCONNECTED ⊥	0 ⊥ DISCONNECTED ⊥ 0



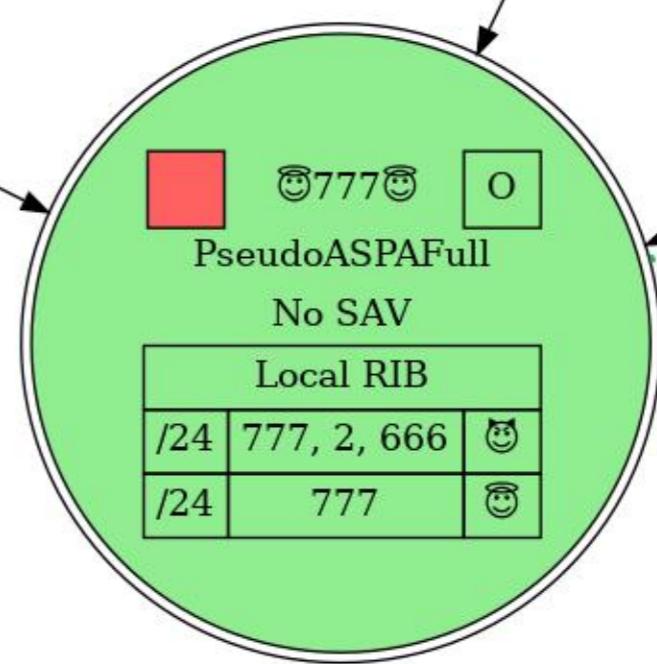
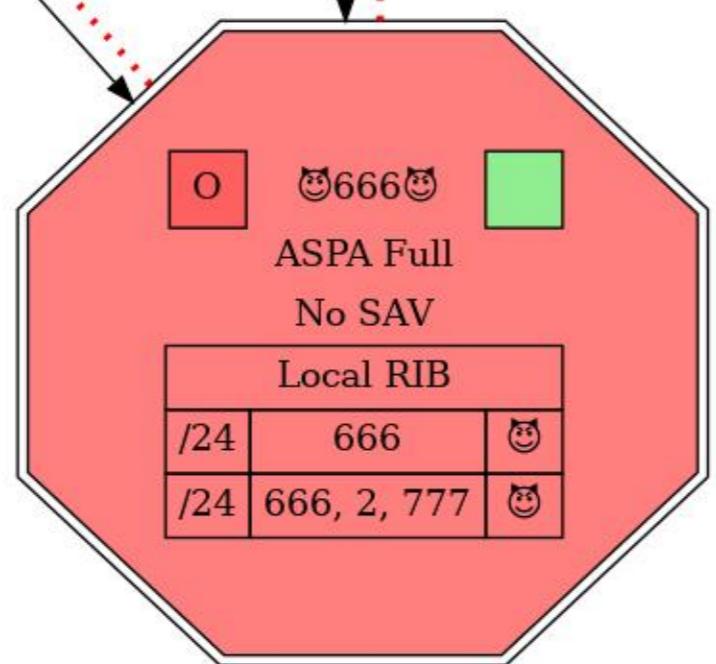
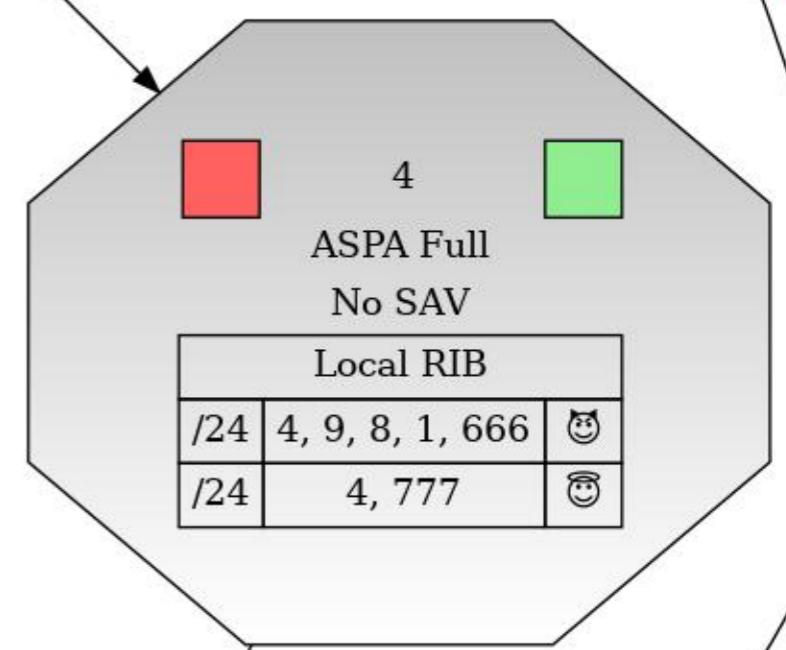
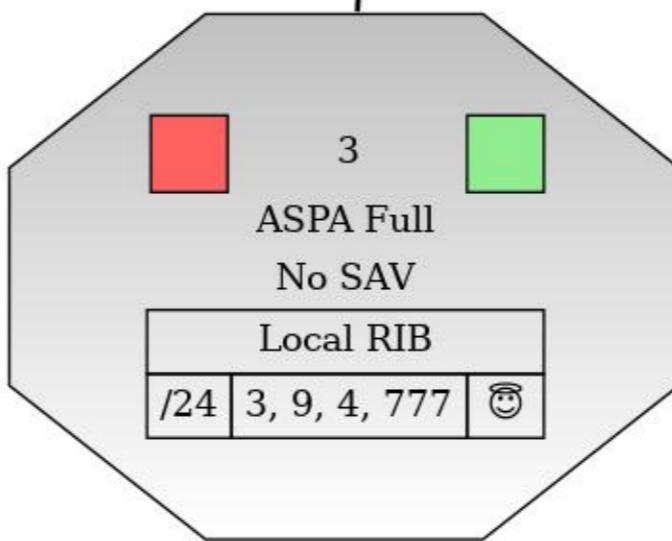
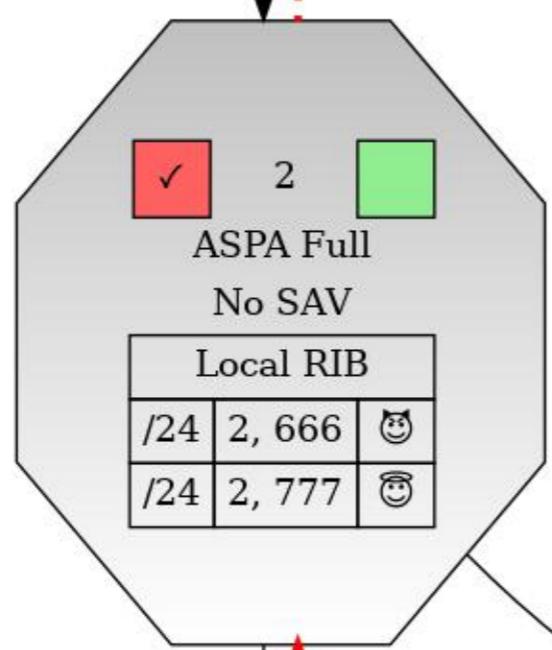
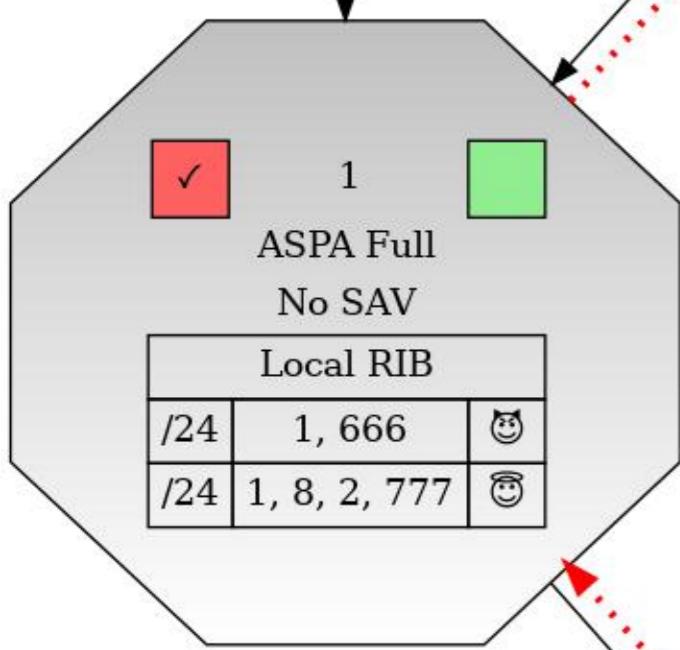
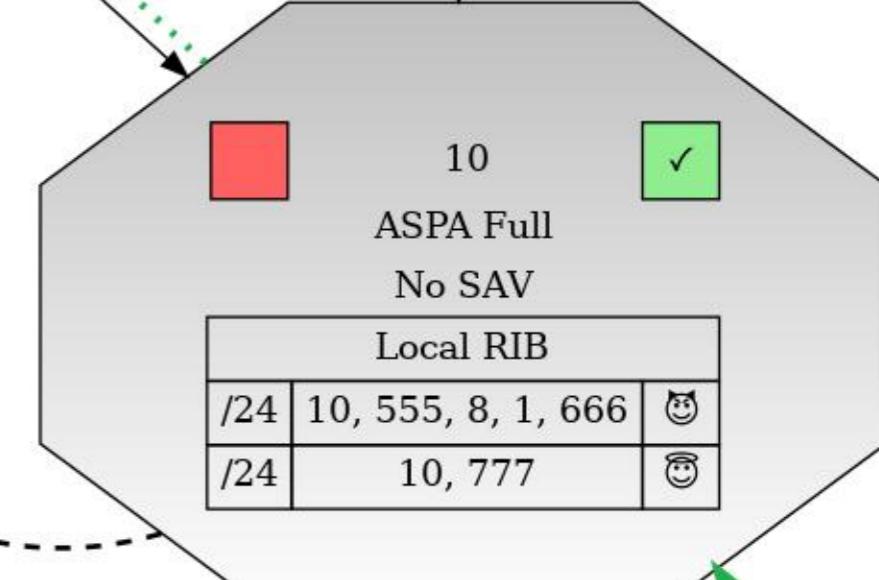
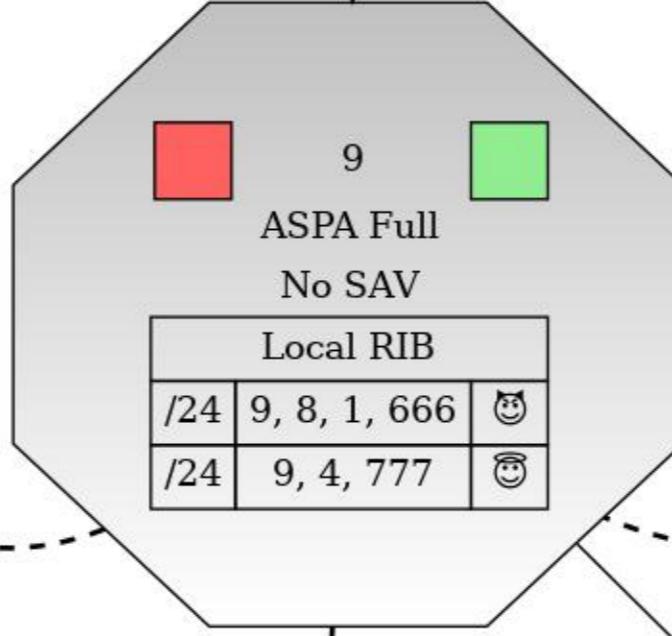
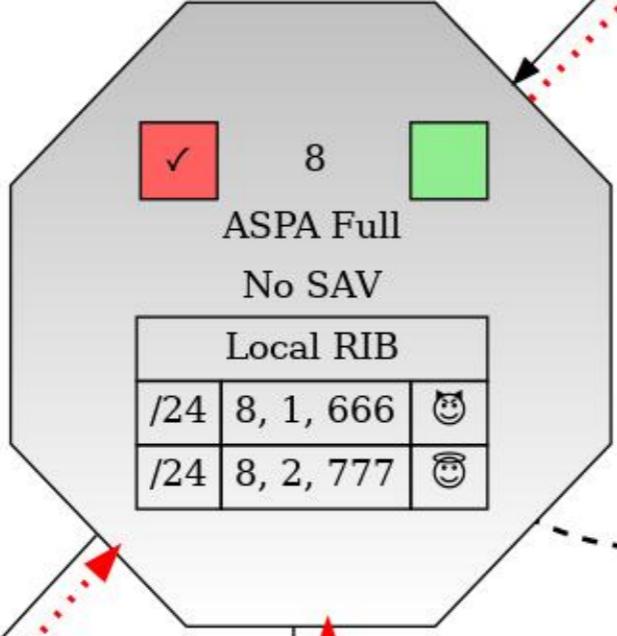
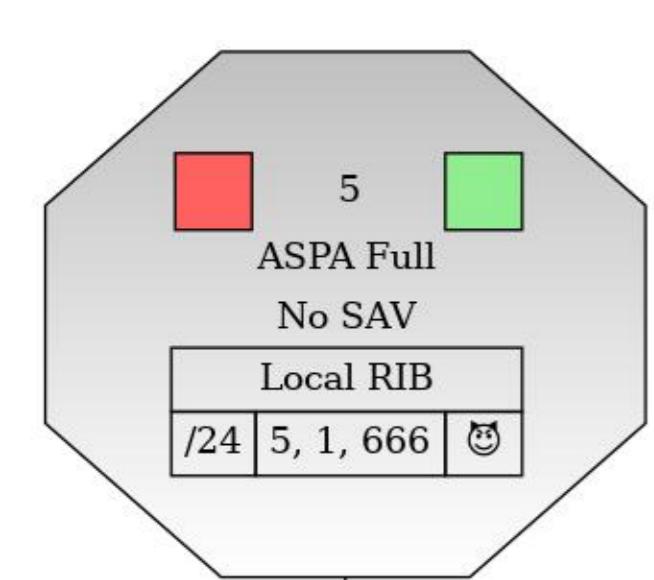
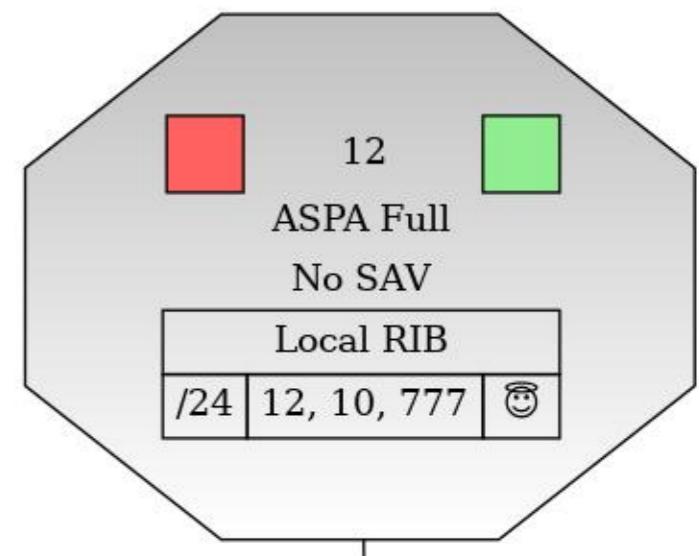
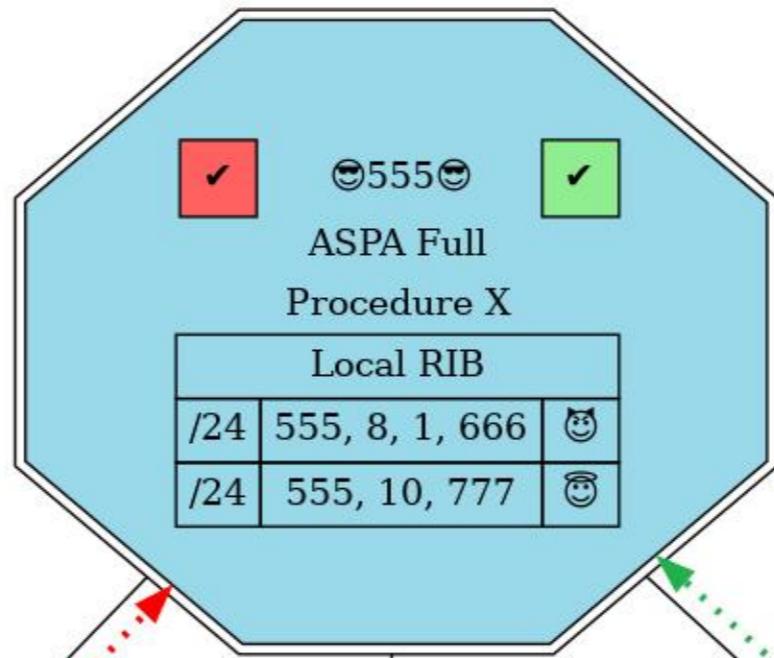
(config_034)
Feasible Path uRPF, Export2some w Replacement

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



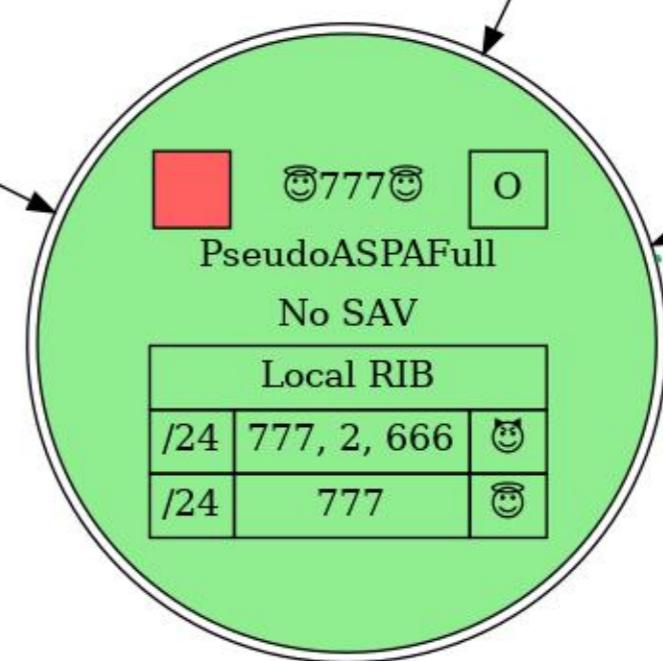
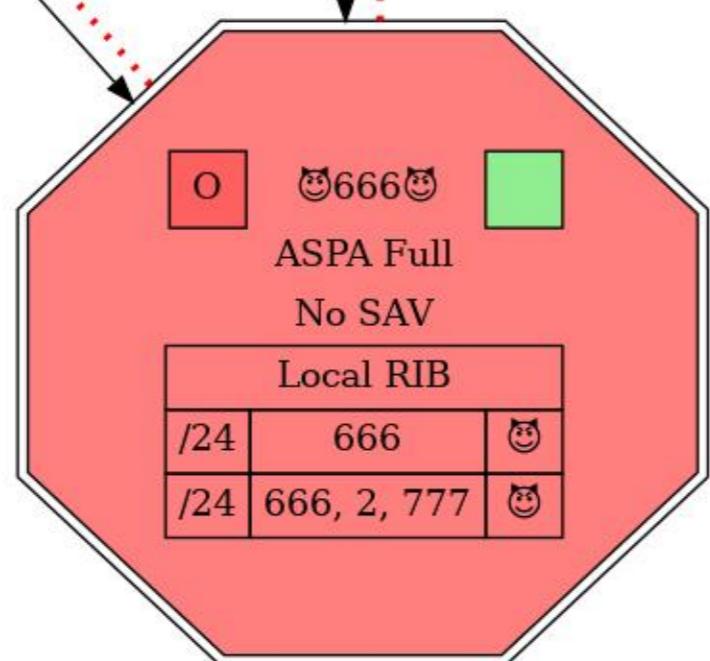
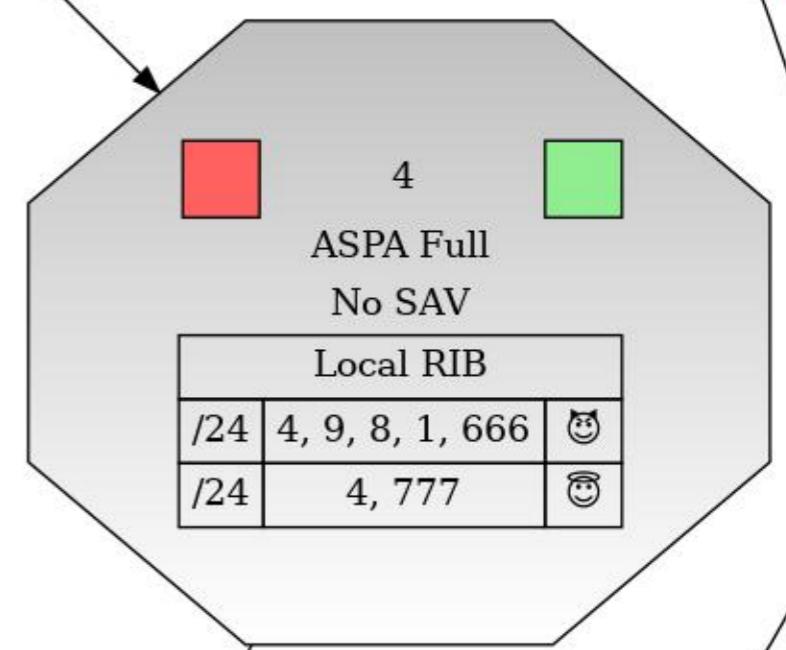
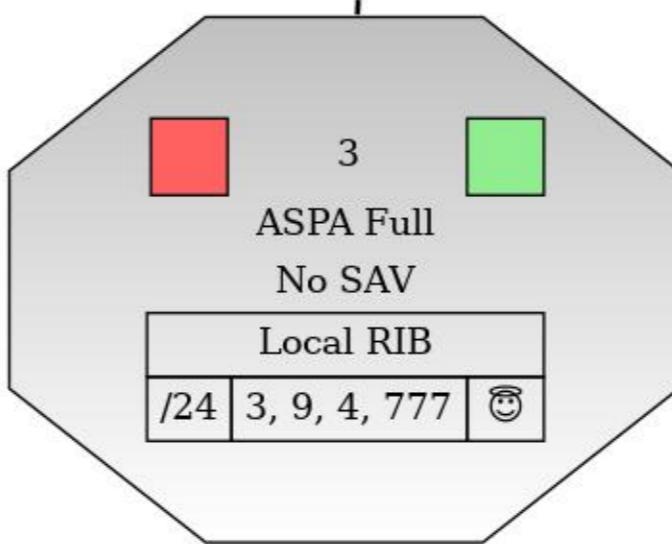
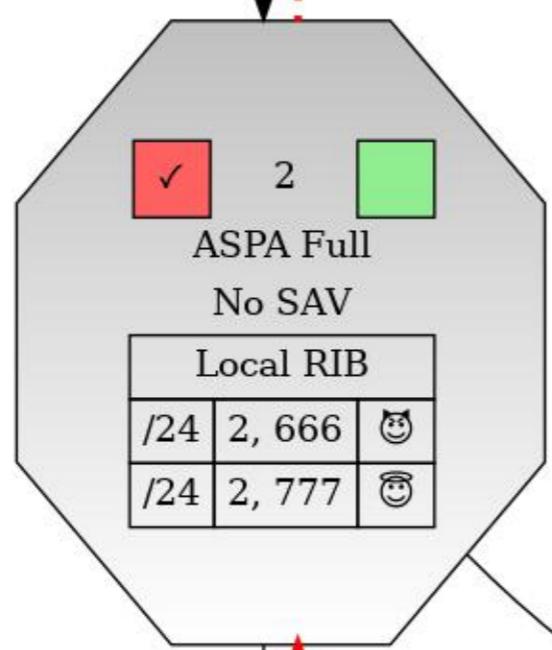
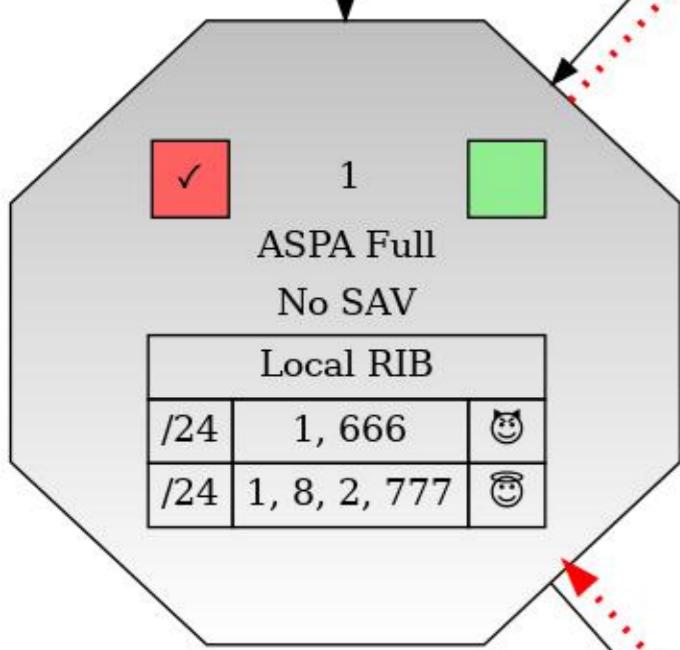
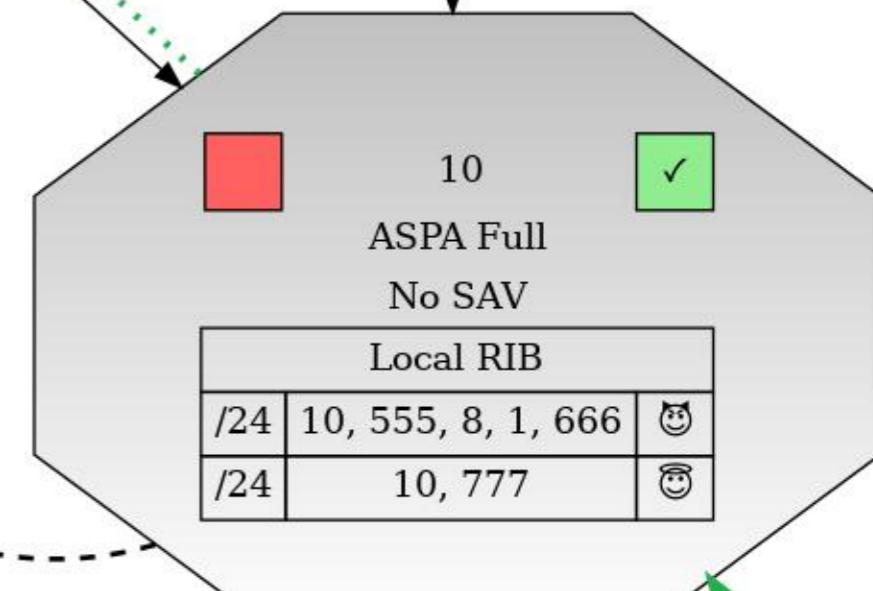
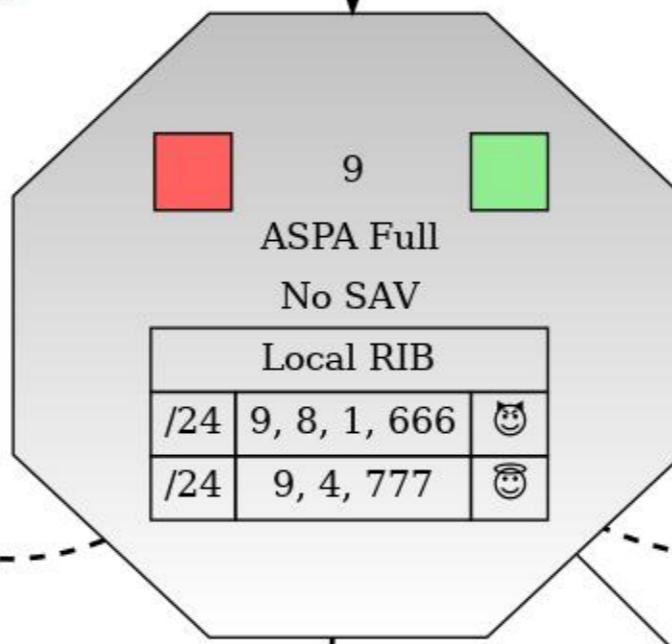
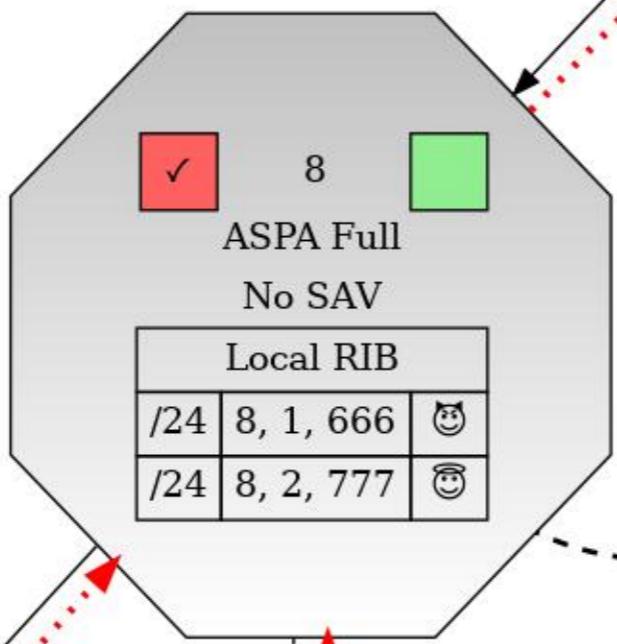
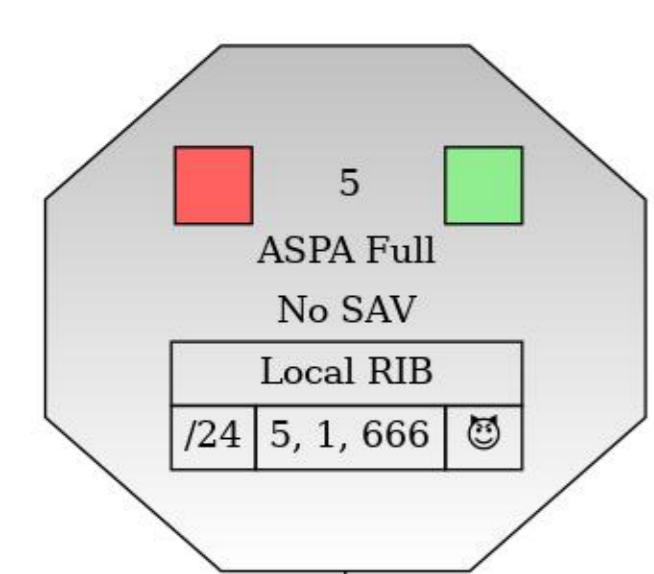
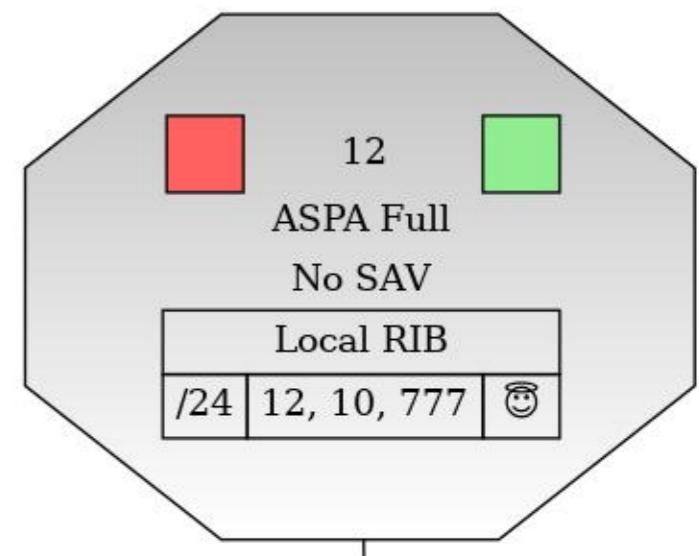
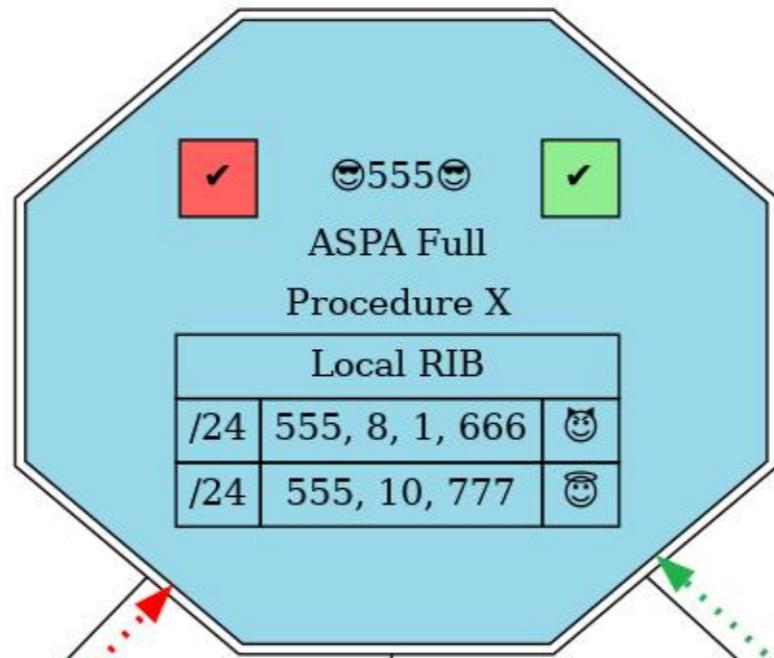
(config_035 Ground Truth)
Single reflector running Procedure X

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

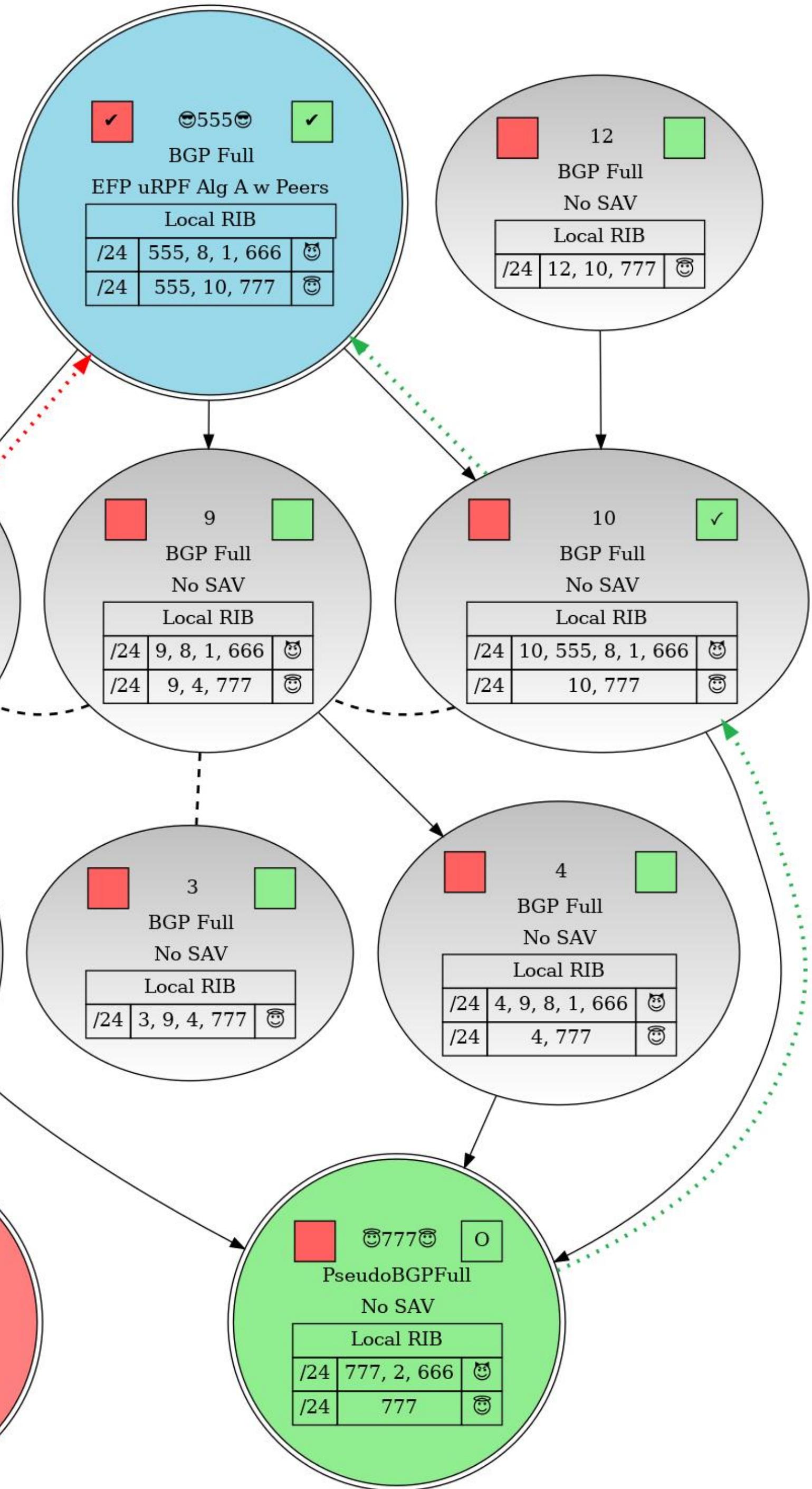


(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

(Victim Outcomes)



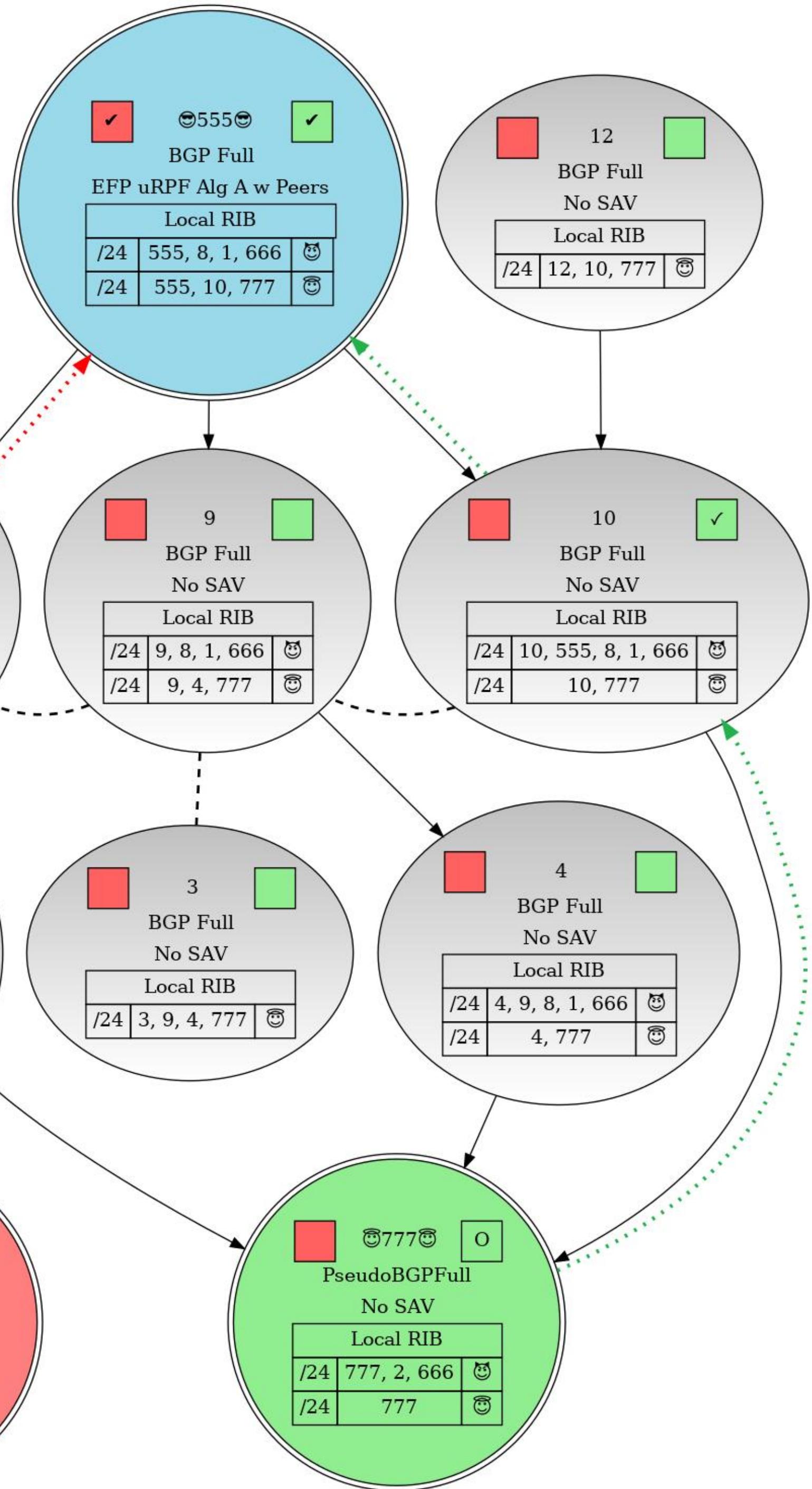
(config_036 Ground Truth)
Single reflector running Enhanced Feasible Path uRPF Algorithm A w Peers

(Data Plane Outcomes)

(Attacker Outcomes)

✓ FALSE NEGATIVE ✓	1	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

(Victim Outcomes)



(config_036)

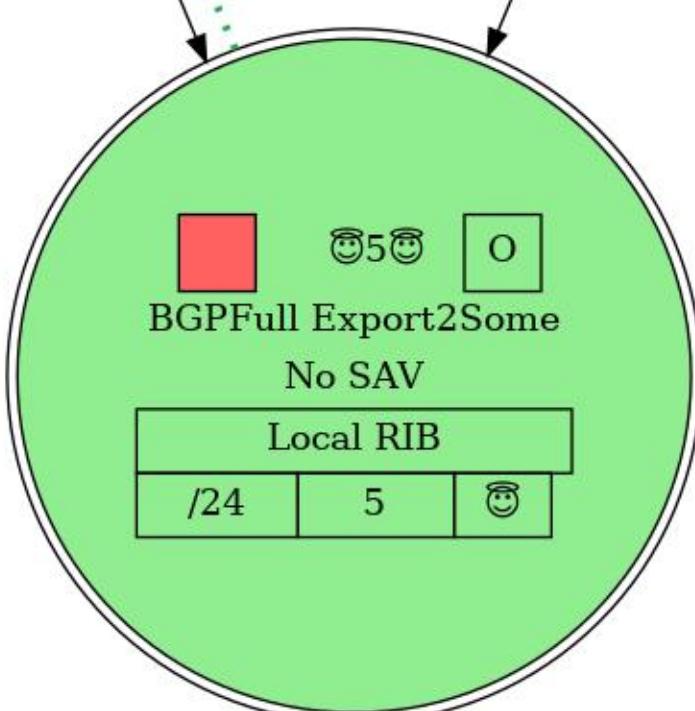
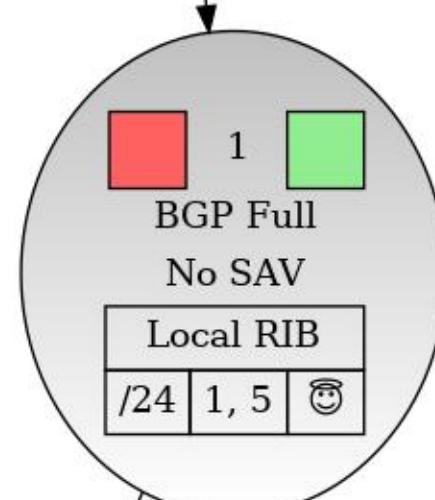
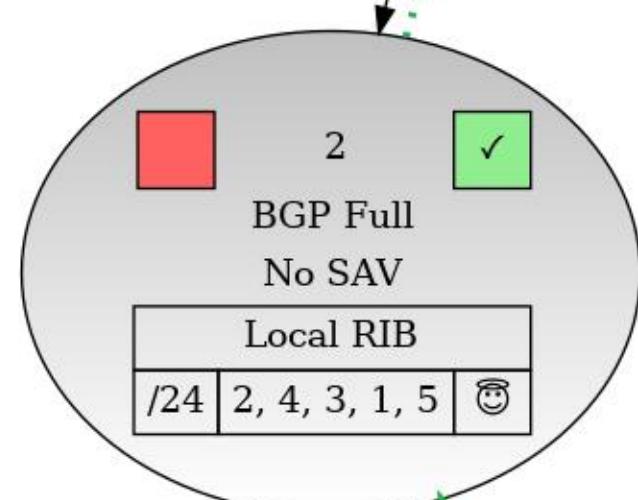
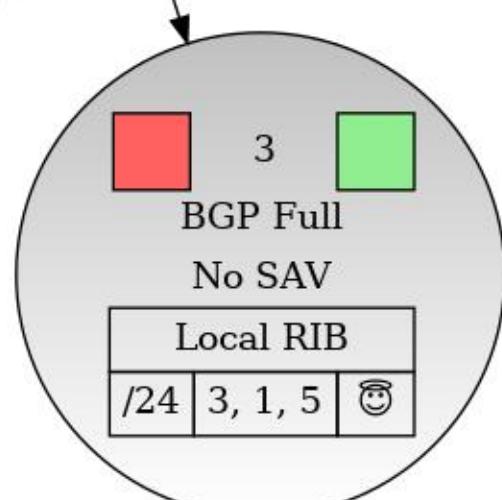
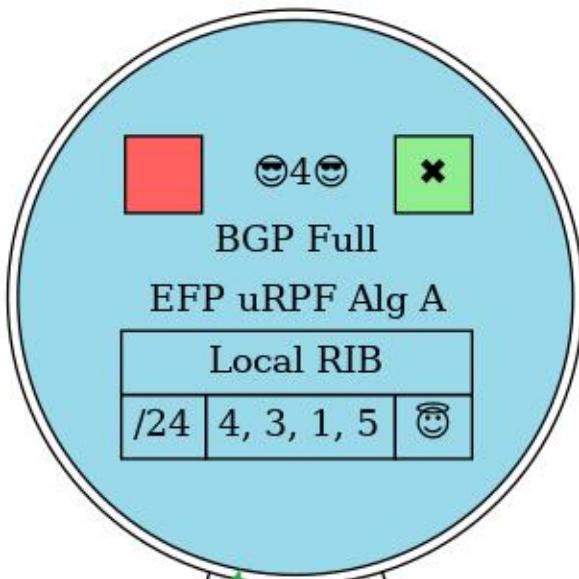
Single reflector running Enhanced Feasible Path uRPF Algorithm A w Peers

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	0
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	1
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_037 Ground Truth)
Export 2 some failing for EFP Alg A

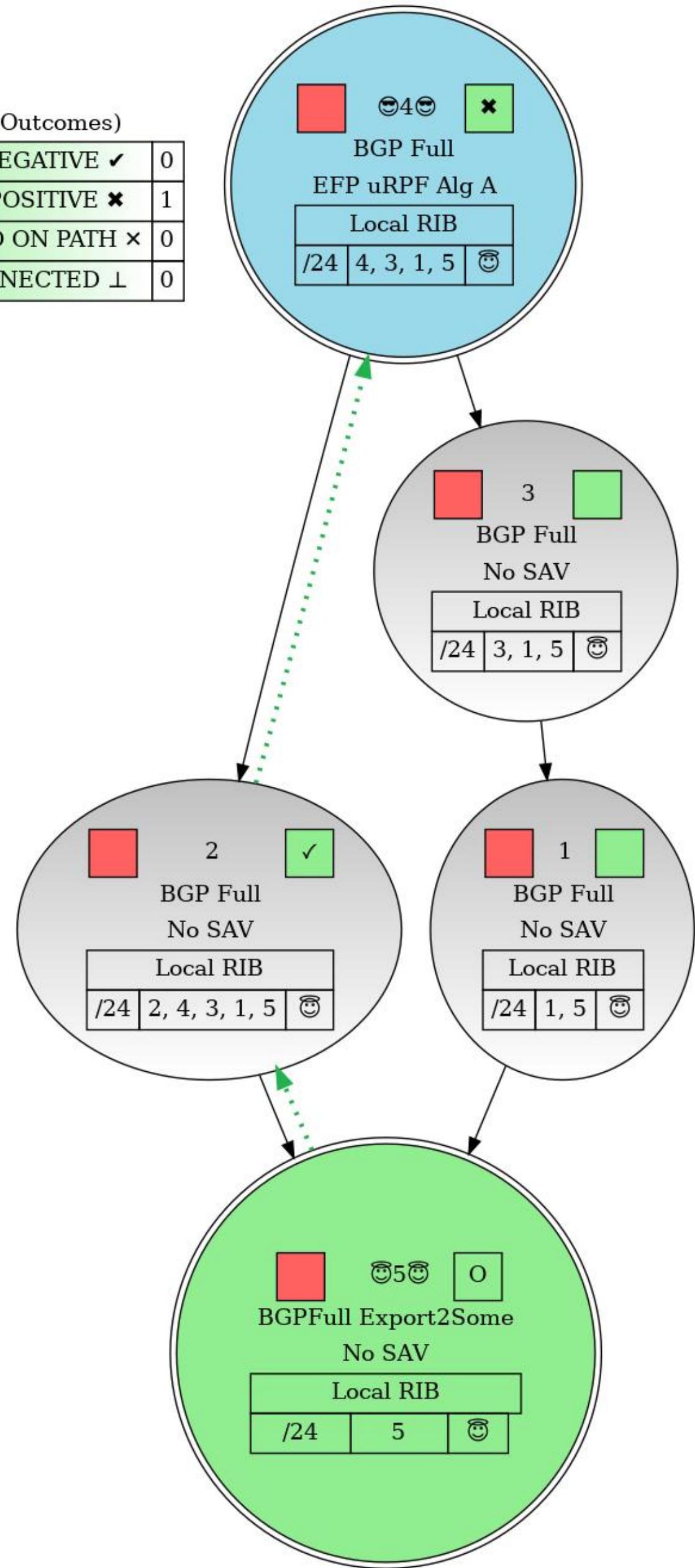
(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	0
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	1
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0

(config_037)
Export 2 some failing for EFP Alg A

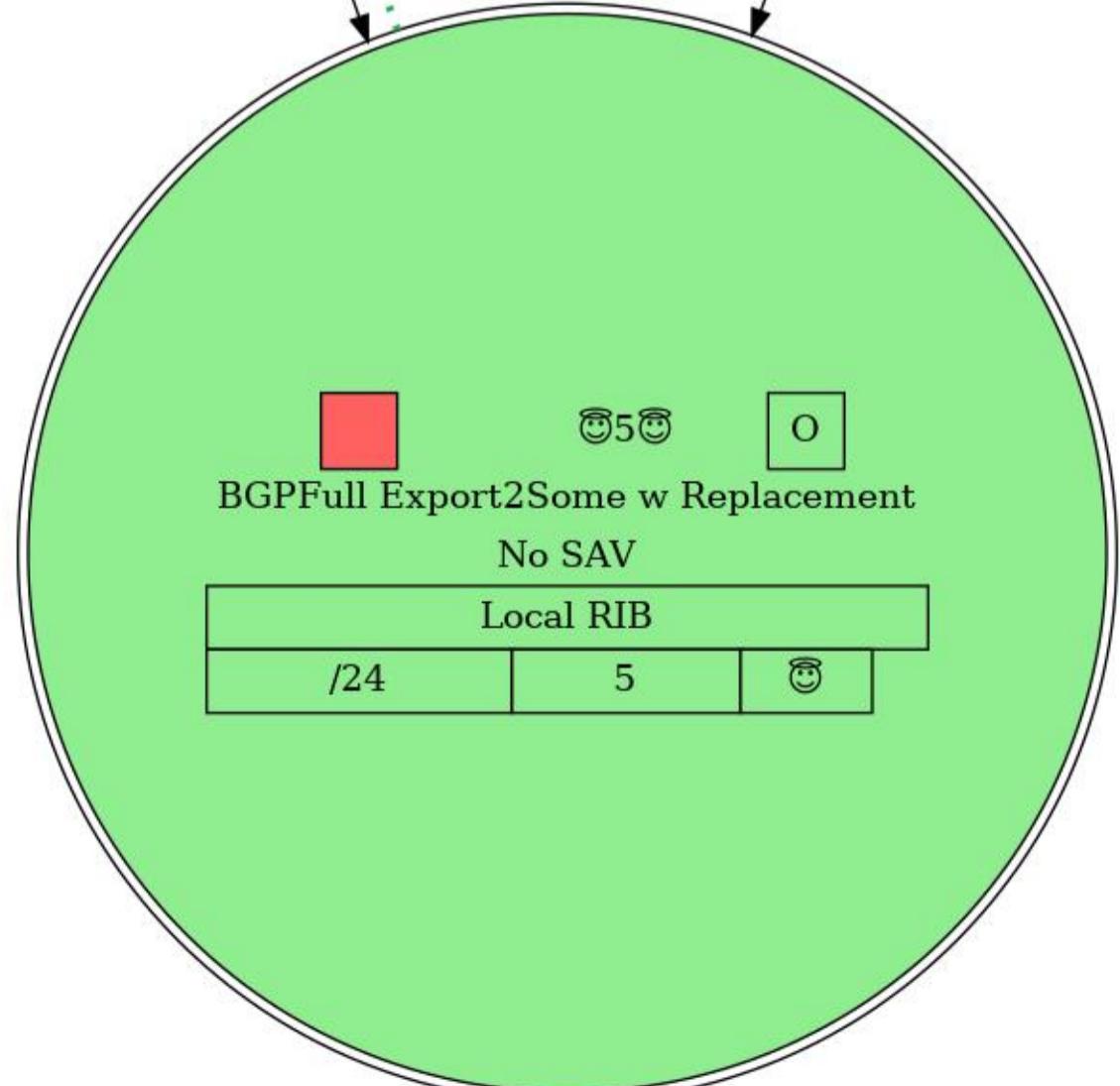
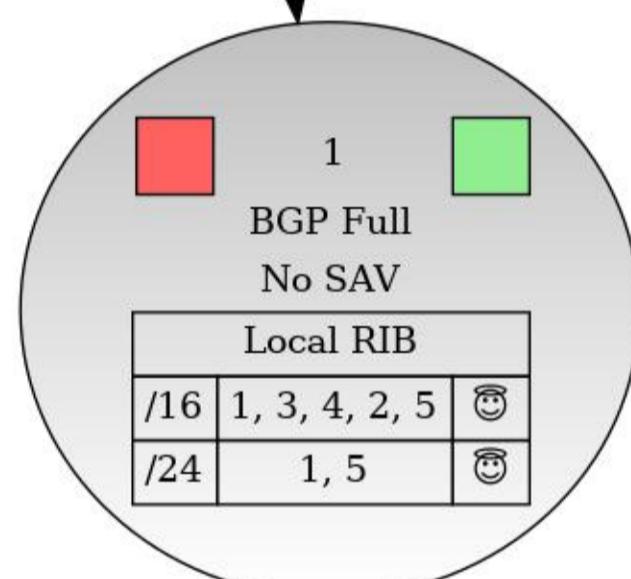
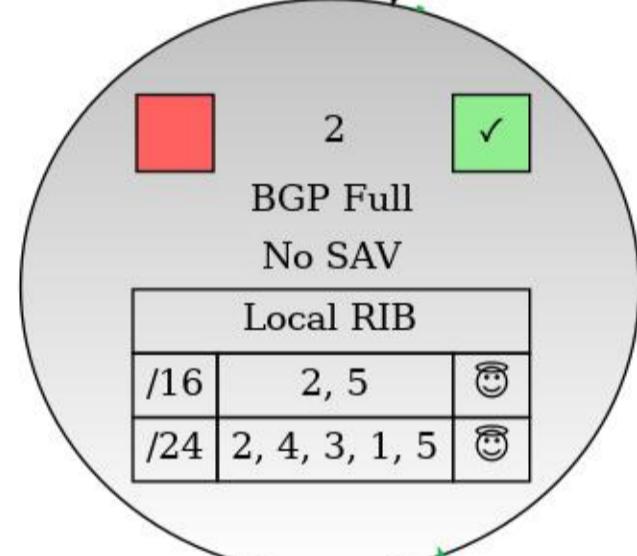
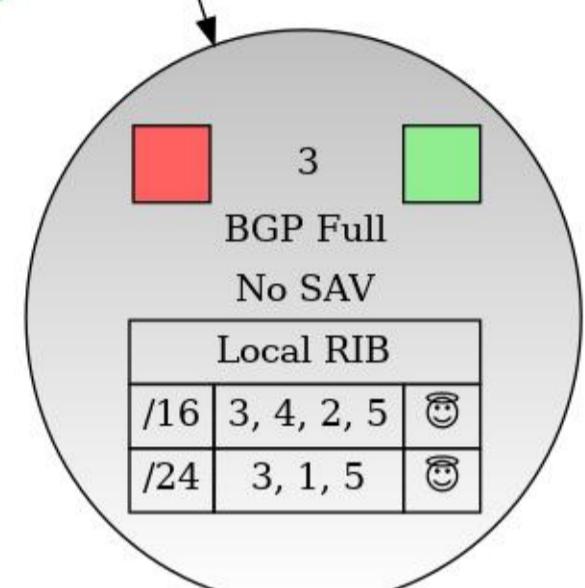
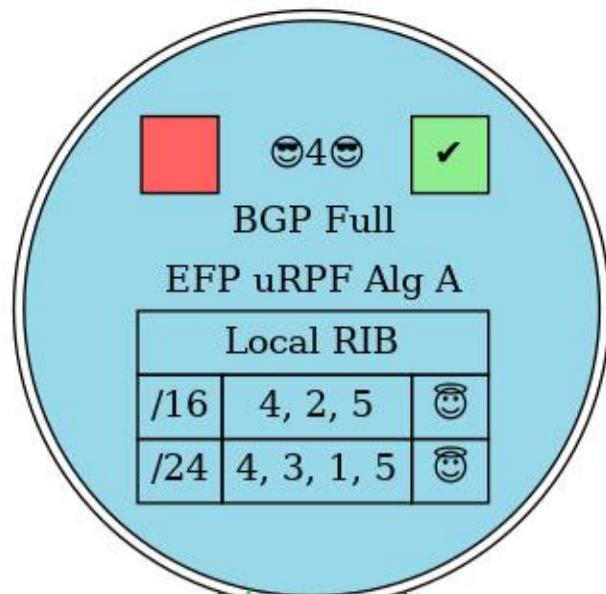


(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



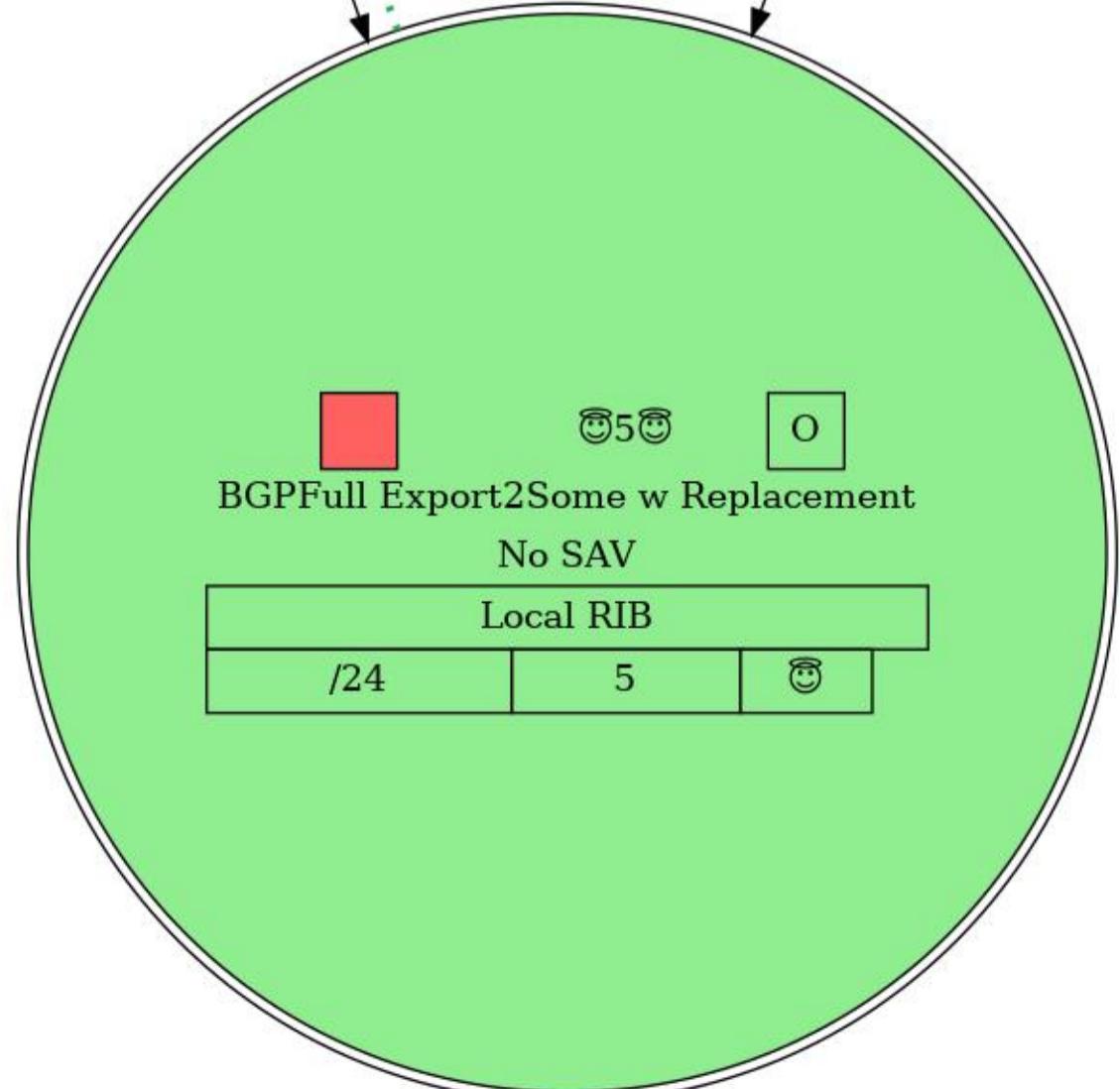
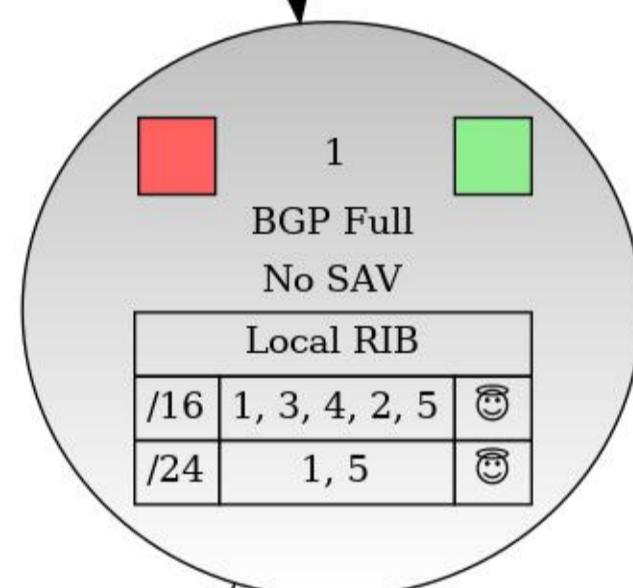
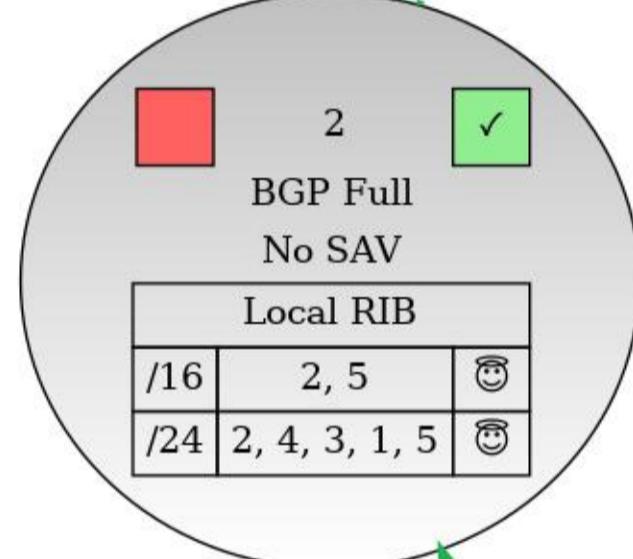
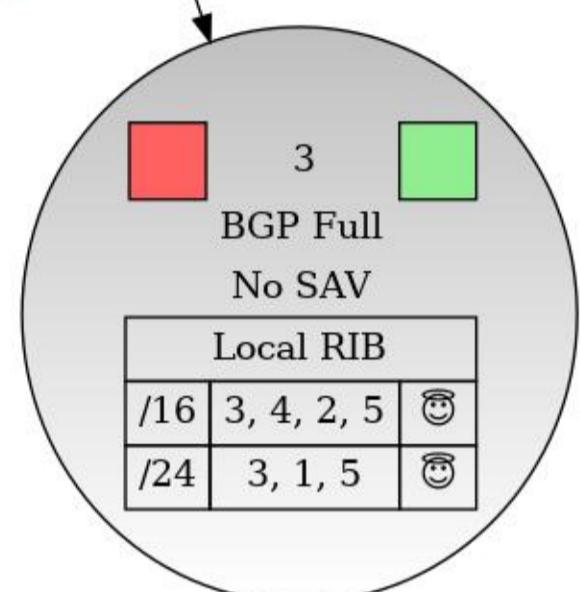
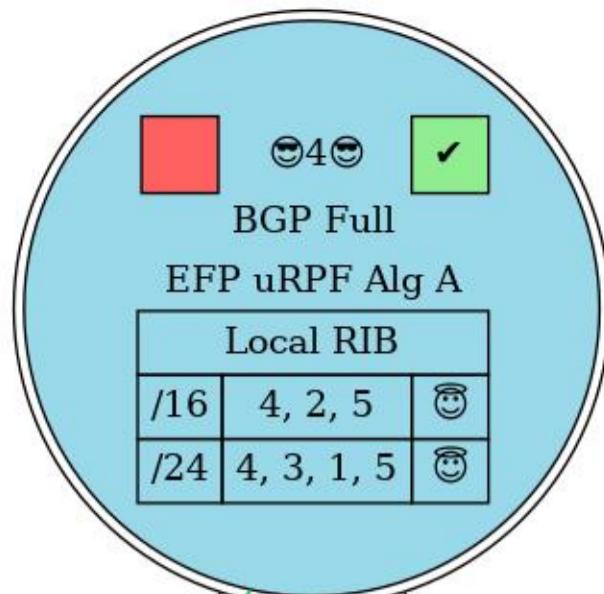
(config_038 Ground Truth)
Export 2 some passing for EFP Alg A

(Data Plane Outcomes)

(Attacker Outcomes)

(Victim Outcomes)

✓ FALSE NEGATIVE ✓	0	✓ TRUE NEGATIVE ✓	1
✗ TRUE POSITIVE ✗	0	✗ FALSE POSITIVE ✗	0
✗ FILTERED ON PATH ✗	0	✗ FILTERED ON PATH ✗	0
⊥ DISCONNECTED ⊥	0	⊥ DISCONNECTED ⊥	0



(config_038)
Export 2 some passing for EFP Alg A